SERA
Amateur Radio FM and Repeaters in the SouthEast
Repeater Journal
The Official Voice of SERA, Inc.
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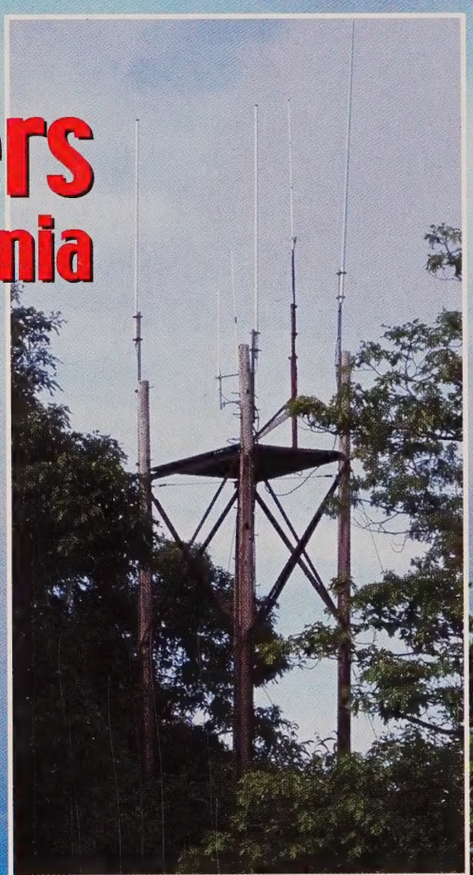
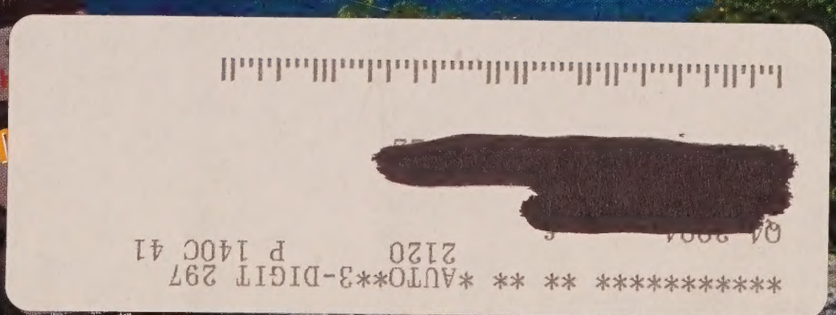
8 STATE REPEATER INDEX INSIDE

Dismal Peak Repeaters in Southwest Virginia



Tone Revisited



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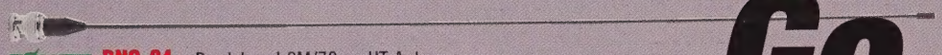

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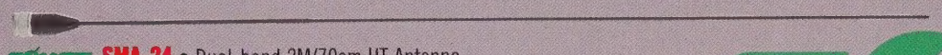

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President's message to SERA members

To the SERA Membership,

I feel that it is necessary to mention the tone requirement issue that was passed at the June, 2004 Board of Directors Meeting. First of all I want to remind you that Frequency Coordination is completely voluntary. SERA cannot require you to do anything that you don't want to do. We have NO enforcement powers. Enforcement is totally left up to the FCC. We have taken on the responsibility to try to deliver interference-free amateur communications by recommending repeater frequencies to locations within the SouthEast that don't interfere with each other. This is an awesome responsibility, and sometimes a hard job.

The tone requirement was just another tool we thought was needed to help us to continue to do our job. It was not implemented to squeeze more repeaters in as I have been told so many times over the last few weeks.

We received many positive comments from hams who understand that this is something that public service radio has been doing for years. We also received many negative comments. I hope this explains what SERA was trying to do by implementing this policy. We have been toning 10 meter, 6 meter and 440 for years.

Having said that, after much discussion the SERA Board of Directors passed a motion on October 4, 2004 to rescind the motion pertaining to the mandatory use of CTCSS. The SERA Board of Directors plans to have additional discussion on this matter both internally and with SERA's membership and, may, in the future, revisit this issue. SERA listens.

Again thanks for supporting SERA over the years and I will be seeing you at the hamfests.

Sincerely,

Roger Gregory W4RWG
SERA President

SERA
The SouthEastern Repeater Association

Providing voluntary frequency coordination for Amateur Radio repeaters in Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia

Officers and Staff

President **Roger Gregory W4RWG** 102 Partridge Road, Union, SC 29379 • 864-427-1462
Vice-President **Richard (Rick) Wright W4LOC** 93 Morrison Lane, Chickamauga, GA 30707 • 706-539-2334
Secretary **Alex Hedrick N8FWL** PO Box 417, Beckley, WV 25802-0417 • 304-929-6611(h), 304-673-6611(w), 304-252-6611(fax)
Treasurer **Johnny Wofford WA4ETE** 7414 Grandiflora Drive, Olive Branch, MS 38654 • 662-890-4056(h), 662-890-4055(fax) wa4ete@earthlink.net

Technical Committee	Danny Hampton K4ITL, *chairman*
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Systems Administration/Membership Database Manager	W. David Ward W4WDW
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Internet Manager	Alex Hedrick N8FWL
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In Remembrance	Wayne Williams K4MOB, *editor 1978-2001*

E-mail - Hotline - Fax

To send e-mail to any SERA officer, staff member, Director or their staff, *Repeater Journal* columnist or correspondent, use this address format (unless otherwise noted):
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Directors, Vice Directors, Assistants, Frequency Coordinators (FC)

Georgia

Director / FC **M. Terry Jones W4TL** 4816 Windwalker Dr., Flowery Br., GA 30542 • phone 770-967-6364
Vice Director / FC **Pete Seabolt N4KHQ** 465 Esborn Rd., Dahlonega, GA 30533 • phone 706-864-6613 (h), 706-064-3611 ex. 227 (w)
Asst. Director / FC **Scott Haner KB0Y** PO Box 2500, Valdosta, GA 31604 • phone 912-244-9402
Asst. Director / FC **Phil Heaton, N4BBQ** 37 Jones Street, Dahlonega, GA 30533 • phone 706-867-7339
Asst. Director / FC **Richard (Rick) Wright W4LOC** 93 Morrison Lane, Chickamauga, GA 30707 • phone 706-539-2334

Kentucky

Director / FC East **Michael L McCown K4ITF** 238 Hollybush Rd., David, KY 41616 • phone 606-886-6426
Vice Director / FC West **Tim Osborne K4TDO** PO Box 381, Happy, KY 41746-0381 • phone 606-476-9540 (h), 606-436-5757 Ext. 1275 (w)
Asst. Director **David Forbis KD4DVI** 16 Golden Acres Loop, Calvert City, KY 42029 • phone 270-898-7805 (h)

Mississippi

Director / FC **Steve Grantham AA5SG** PO Box 127, Ellisville, MS 39437 • phone 601-477-2502
Asst. Director **Aubrey Bilbo KE5LT** 29270 Anner Rd., Picayune, MS 39466 • phone 601-798-0446
Asst. Director **Harold Bullard K5WHB** 7 County Road #303, Corinth, MS 38834 • phone 662-287-9302 (h), 662-415-6817 (cell)

North Carolina

Director **Danny Hampton K4ITL** 5453 Rock Service Station Rd., Raleigh, NC 27603 • phone 919-662-9797 , 919-662-4149 (fax)
Vice Director / FC **Frank A. Lynch W4FAL** 2528 Oakes Plantation Dr., Raleigh, NC 27610 • phone 919-740-3957
Asst. Director **Bob Lukaszewski K4HA** 6009 Brass Lantern Ct., Raleigh, NC 27606 • phone 919-215-2018
Asst. Director **Chuck Wright K4NYS** 5310 Woodsdale Rd., Raleigh, NC 27606 • phone 919-851-7218 (h), 919-215-8333 (cell)

South Carolina

Director / FC West **Roger Gregory W4RWG** 102 Partridge Road, Union, SC 29379 • phone 864-427-1462
Vice Director / FC East **Jim Cantrell WJ4C** 133 Ben Black Rd. Union, SC 29379 • phone 864-427-3823

Tennessee

Director **Andy Masters NU5O** 240 West White Road, Collierville, TN 38017 • phone 901-853-8671
Vice Director/FC Middle **Jerome Buie KB4POA** 921 Meriwether Rd., Clarksville, TN 37040 • phone 931-503-3008
Asst. Director **Tim Berry WB4GBI** 214 Echodale Lane - Knoxville, TN 37920-5042 • phone 865-579-3494
Asst. Director/FC East **David Fridley KG4FZR** PO Box 1374, Athens, TN 37371 • phone 423-744-9950 (h), 423-745-2989 fax
Asst. Director/FC West **Alan McClain, KA4BNI** PO Box 672, Dresden, TN 38225-0672 • phone 731-364-6035 (h), 731-423-5610 fax

Virginia

Director / FC East **Jim Campbell K4YM** PO Box 697, Montross, VA 22520 • phone 804-493-8278
Vice Director / FC Central **Jay Campbell N4YMY** 12085 Cheroy Woods Ct., Ashland, VA 23005 • phone 804-752-6688 (h), 804-662-2747 (w)
Asst. Director / FC West **Don Williams W4VT** 412 Ridgeway Dr., Bluefield, VA 24605 • phone 276-326-3338, 276-322-2282 (fax)
Asst. Director East **Charlie P.L. Stokes WB4PVT** 494 Pamela Drive, Newport News, VA 23601 • phone 757-595-2355

West Virginia

Director / FC North **R.T. (Dick) Fowler N8FMD** Route 5, Box 737P, Clarksburg, WV 26301 • phone 304-623-9479, 304-623-9979 (fax)
Vice Director / FC South **Alex Hedrick N8FWL** PO Box 417, Beckley, WV 25802-0417 • phone 304-929-6611(h), 304-673-6611(w), 304-252-6611(fax)
Asst. Director North **Doug Cutlip KC8AJH** Rt. 1, Box 277AA, Philippi, WV 26416 • phone 304-457-1743 (h), 304-457-4987 (voice-mail/fax)

SERA Repeater Journal
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Repeater Journal Staff

Editor/Production/Advertising

Gary Pearce KN4AQ
116 Waterfall Ct.,
Cary, NC 27513
(919)380-9944 kn4aq@sera.org

Associate Editor

Chris Plumblee KG4CZU kg4czu@sera.org

Columns

Nostalgic Wavelengths David Bower K4PZT
Get the Hammer Randy McKenzie KK4EJ
Look at it, This Way Marvin Whatley AA4YW
Internet Linking Danny Musten KD4RAA
Cartoonist Don Phibbs Jr. AD4QQ

State News Correspondents

Georgia	Pete Seabolt N4KHQ
Kentucky	Pat Spencer KD4PWL
Mississippi	Charles Diamond KG4CKW
North Carolina	Michael J. Lewis WA4KE
South Carolina	Roger Gregory W4RWG
Tennessee	Bob Gault KD4NEC
Virginia	Fred Weaver KG4BKI
West Virginia	Richard Clemens KB8AOB

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SERA Membership

Full Repeater Membership

(A Membership for Repeater Owners & Sponsors)

Any repeater owner or club may join SERA as a Full Member if they have a properly coordinated and operating repeater on the air. A Full Membership application, coordination information (if not on file), and the correct membership fee should be submitted.

Two individuals representing the full member repeater, named and listed on the application by the owner, receive the *Repeater Journal* each quarter.

The two Full Member Representatives have voting privileges in SERA elections and may be eligible to hold elective offices within the organization. The full member repeater is also recognized as a SERA supporter in the repeater index with a ☺ symbol. A Full Member application is available in this issue of the Repeater Journal, and on the SERA web site: **www.sera.org**.

Full Member dues are $20/year, pro-rated by quarter. All full memberships expire on December 31st of each year.

Associate Membership

(A Membership for Repeater Users)

Amateurs Radio operators, especially repeater users, are invited to join SERA as Associate Members. Only $10 per year will enable you to support the organization and receive the *Repeater Journal*. Associate Members may hold appointive offices within SERA, but do not have voting privileges.

Associate Membership begins in the quarter you join, and dues are not pro-rated. Renewals are due in the same quarter in subsequent years.

Repeater Journal Mailing

The *Repeater Journal* is mailed Bulk Rate during the first week of the cover date. Delivery takes one to two weeks. Notify the **editor** if you have not received your copy by the 1st of the following month. **The Journal is *not* forwarded to new addresses. If you move, send your new address to the editor!**

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Policy rescinded, being revised

SERA members react to Tone decision

Gary Pearce KN4AQ

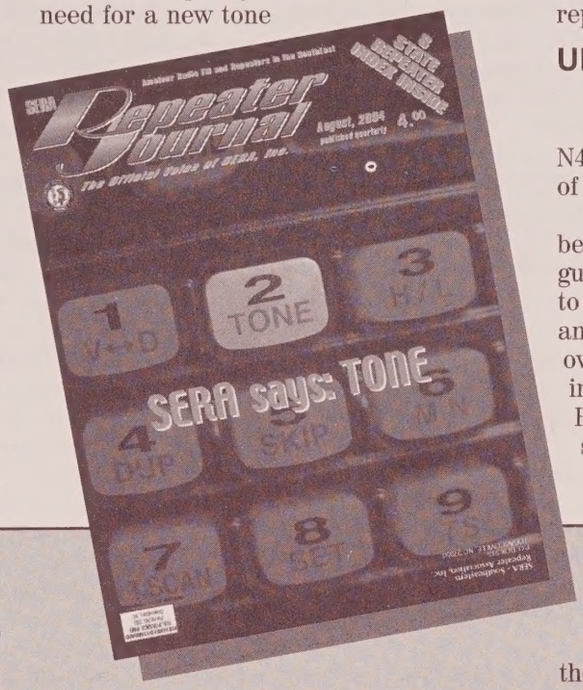
The tone policy approved by the SERA Board at its June meeting has been rescinded, following an outpouring of reaction from SERA members, repeater owners and users. Voting by e-mail in early October, the Board approved NC Director Danny Hampton K4ITL's motion to rescind the policy only after two attempts to revise the plan were defeated. Discussion made it clear that the Board was going to need more time to create a carefully worded motion that would accomplish a somewhat less comprehensive objective.

A third revision was tabled while the Board considers procedural questions, so a final decision won't be reached before this issue of the *Repeater Journal* goes to press.

The original motion passed in June called for all new repeaters in SERA territory to use tone (CTCSS or DCS) on both transmit and receive as a condition of coordination. All existing repeaters would need to add tone within two years, by July 2006. In discussion at the meeting, the Board agreed that repeaters that chose not to use tone would not automatically be decoordinated, but that language was not specifically included in the motion or the minutes of the meeting.

The motion to rescind was approved by majority vote, but unlike the original motion, the vote was not unanimous. Some SERA Board members favored keeping June's tone policy intact. Some saw no need for a new tone policy at all. Others favored a revision to the June policy making it clear that SERA promoted tone and would not assist a carrier access repeater with an interference complaint, but would not require tone for coordination. The two motions that were defeated were considered too complex.

SERA coordinators may continue to require CTCSS in individual cases for new repeaters where the situation warrants it.



UNDERSTATED

I understated it perfectly in e-mail to Georgia Vice-Director Pete Seabolt N4KHQ: "I think we might hear from some of our members on this."

I made the e-mail comment in a calm-before-the-storm moment before the August *Repeater Journal* announced the plan to SERA members, and the ARRL web site announced it to the world. Then, repeater owners and users expressed strong feelings on several corners of the tone issue. Response came in e-mail, phone calls, a snail-mail letter or two, and in person at

continued on page 7

Who says we can?

Many of the hams who criticized SERA's tone policy also questioned the authority SERA has for making and enforcing such a policy in the first place. Some accused SERA of trying to be a quasi-governmental organization.

Where does frequency coordination authority come from, and how far does it extend? The answers are easy to find in two sections of the FCC Part 97 rules:

97.3 Definitions.

(a) The definitions of terms used in Part 97 are:

(22) Frequency coordinator. An entity, recognized in a local or regional area by amateur operators whose stations are eligible to be auxiliary or repeater stations, that recommends transmit/receive channels *and associated operating and technical parameters* for such stations in order to avoid or minimize potential interference.

– and –

97.205 Repeater station.

(c) Where the transmissions of a repeater cause harmful interference to another repeater, the two station licensees are equally and fully responsible for resolving the interference unless the operation of one station is recommended by a frequency coordinator and the operation of the other station is not. In that case, the licensee of the noncoordinated repeater has primary responsibility to resolve the interference.

The highlighted section about *associated operating and technical parameters* shows that a coordinator can make tone a condition of frequency coordination.

But a frequency coordinator's influence goes only as far as the FCC is willing to back them up. Riley Hollingsworth routinely questions repeater owners about the status of their coordination (and double-checks with the coordinating bodies) when he receives an interference complaint about a repeater. He has frequently required the uncoordinated repeater to take steps to solve the problem, and in a few cases required a repeater to cease operation until they could find a way to become coordinated. That elevates the importance of coordination and coordinators, and the responsibility they have to do the job right.

HOLLINGSWSORTH ON TONE

Will the FCC examine the tone issue if hams complain about that aspect of coordination? One ham questioned Hollingsworth on SERA's tone plan. Hollingsworth's reply:

> We don't plan at this point to get into this issue, but I can tell you that from a spectrum efficiency standpoint, tones will be the wave of the future and have been in regular use in the Land Mobile services for decades. In fact, in interference cases in the Land Mobile services, which I also handle, the first thing we ask is whether tones would cure the problem. If they would, we tell them to get them.
>
> It is surprising that tone systems are not used more in the Amateur Service, a service we expect to be on the leading edge of technology instead of being wedded to old ways of doing things. As for tones, it's only a matter of time, just as it was with transistors and integrated circuits.

What you said about SERA and tone:

A sampling of comments from e-mail to SERA staff and the on-line forums:

K4HSM: Not so much the decision, so much as it was the manner in which it was presented, is what "tweaked my potentiometer." *If your repeater doesn't use tone access, don't complain to SERA about interference. And if you complain to Riley instead, when he asks SERA if you're coordinated, SERA's answer will be a qualified "no."* Now doesn't that sound pleasant and diplomatic? *[I'll take "credit" for that. The* ***Repeater Journal*** *is SERA's official publication, but I tend to write stories in "journalism" style, not "press release" style. It was too blunt – KN4AQ]*

K4WS: I think you guys have gone away overboard on this tone issue. Repeaters should never be toned, even if that is the consensus of the new radios coming out, unless there are problems in the field with other repeaters or interference from other sources that the tone would seem to help.

K1ZZ: I believe the move to tone access is long overdue and if SERA has taken this step, bully for you. It allows better frequency reuse, more repeaters, and therefore more opportunities for activity.

KE4TQM: A lot of angry people. What is the real reason? People do not like change. People do not like being told what to do. Ladies and Gentlemen, it is time to make the change. CTSS is a way of life.

K0BKL: While I do not live in your area, I concur on the use of CTCSS on all repeaters. I would favor it nationwide. We are way behind the times with carrier access machines.

K3FT: I have no problem with SERA saying "If you *don't* use tone and you get interference that tone *could* help solve, we're *not* going to be that amenable to giving you some dispensational assistance." That's excellent. But to come out and say "TONE IS IT AND IT IS REQUIRED!" strikes me as being a tad dictatorial. What will SERA do when the repeater owners says, "NYET! I'll take my chances, thank you!"

K4GV: I think that the repeater owners should have been consulted about the so called *mandatory toning* that is supposed to take place... We are located fairly close to I-81 and passing motorists use the repeater. If there is a traffic accident, are they supposed to take the time to look up the tone frequency before calling 911 on the repeater autopatch?

KA4MAP: The move by SERA to eliminate the constant interference issues is a positive one, I know there are those who will feel this is not the case, but so long as communications and RFI are on the increase, we must be flexible and adapt. It is all in how complex you want to make it.

KD4RAA: I use tone. I don't like it.... it adds significant delay and has "tonal" audio artifacts. But it masks the hundreds of mixes at my tower sites... that are only going to get worse as new services are added each year. Tone is OLD school. I would hope for some alternative forms of access control (which is the real intent).

KF4QZN: I've heard all kind of reasons not to tone. The one about some new young ham not having a tone capable radio just knocked me down. Stop pawning off your old junk on the new kids.

N4QX: Operating a machine that hears everything carries a significant risk that you will indeed hear everything.

N4UFP: What is the benefit to the owner and users of a repeater that is not experiencing interference problems? Why is it neccesary to mitigate a problem that does not exist?

N4WS: The Cookeville Repeater Association has operated an open 2-meter repeater on 147.210 since January of 1978. We have never felt any need or desire for CTCSS access. We do use CTCSS encode for emergency nets so emergency operators can be alerted by using a toned squelch memory position on their radios. The new SERA policy would destroy that ability. I trust that the SERA Board has enough judgment to correct this mistake.

N5MJ: I applaud your decision to apply CTCSS requirements to repeaters in SERA's huge territory. Folks just need to get with the program. Either a) read their manuals to figure out how to turn their tones on, and then how to program the setting into memory; or b) spend fifty bucks at a hamfest to get a CTCSS-equipped transceiver and perform a long-overdue equipment upgrade.

W4JAM: I do not understand the need for manatory CTCSS on a repeter. This is something that should be left to the trustee to determine if it is needed. I hardly turn on my uhf/vhf radio on trips since most machnes do not tell the PL.

W4PFZ: why should the edict you folks issued be demanded across the board, especially where no interference of import is occurring? Now, I realize when we have the occasional band openings, thermal ducting, etc., we might hear far away repeaters. But these rare occurrences are actually enjoyable. Once in a while, I will turn off the local repeater to allow DX-like QSOs with some of these far away groups. Requiring tones to prevent these opportunities defeats the true Amateur Radio experience factor. I request you folks to rethink your actions, and limit them to the areas that really need action. "If it ain't broke, don't fix it" seems most appropriate here.

WA4RYW: I just can't even believe this is an issue in the 21st century. Every radio manufactured for the amateur service in the last 20 years has CTCSS capability. If your radio is 30 years old, treat yourself to one of the new slick designs that can be purchased for less than $100 brand-spanking new.

W4TEY: It's never wise to impose anything on someone without representation. I'm not necessarily opposed to tone but it sure was gone about in the wrong way.

W7STA: I have ALWAYS used CTCSS encode and decode on all my repeaters, and I know a lot of the other operators would like to, because it reduces noise and squelch management problems almost 100%. The reason they don't is the users complain about it.

W8YZ: The big advantage to the use of tone is that it encourages emergency operators to listen to their local repeater for emergency announcements and alerts. Too many operators just turn their transceivers off rather than listen to heterodynes and unwanted transmissions intended for another repeater on the same frequency several states away.

WA4DBY: It seems to me that SERA is requesting mandatory tone because a failure has occurred limiting the amount of repeaters in use on the same freq or adjacent freq. How many coordinations have been checked with all the states in a 100 mile range for repeaters already in use? How many of us know a repeater that sits there with no activity while its owner uses the big club repeater in town?

WA4QAL: I'm not really opposed to the ability to use CTCSS, especially during band openings. However, the decision on when to use CTCSS should be made with the understanding that it will lock some users out of the system, and will decrease the public service ability of the ham community.

WM4T: I have done everything I know to do to get this reversed, as it is the will of the hams and the repeater owners.

hamfests to many SERA staff members. Twin debates raged in forums on the eham.net and QRZ.com web sites, where some SERA staff weighed in. Many hams were rational and polite, but a few let their passion override their civility.

At the Shelby NC hamfest, the first major hamfest following the August *RJ*, there was a distinct lack of SERA red shirts. Most of the North Carolina staff was unavailable. SERA President and SC Director Roger Gregory W4RWG and Vice Director Jim Cantrell WJ4C were there to sell stuff in the flea market, but they were spotted and assailed anyway. ARRL Roanoke Division Assistant Director Less Shattuck N4NK opened the hamfest's ARRL forum by announcing that "we will not be talking about repeater tone at this meeting." Apparently some repeater operators mistook SERA's policy to be an ARRL plan, and some ARRL officials have also been getting an earful.

Repeater Journal editor KN4AQ (me) braved the storm by standing in front of the SERA booth in the exhibit hall, red shirt and all. I did get some comment on the plan, with "pro" exceeding "con" by a just a little. Everyone was civil, but I could tell that people felt strongly about their positions. Mostly, though, it was business as usual at the booth, and we signed up the average number of new and renewing members.

The red shirts returned at subsequent hamfests across SERA territory. At the Virginia Beach hamfest, for example, Jim K4YM, Jay N4YMY, Fred KG4BKI and I stood ready to take the flak. A few hams stopped by to talk tone, but the buzz was fading.

While the tone question is important and many hams do have an opinion, the "storm" was whipped up by a small but very vocal segment of our population. I did a rough count on the QRZ.com forum and found that the issue was about evenly divided pro and con before the discussion evolved into a debate between just a few individuals and petered out in late September.

Many e-mail responses and forum comments questioned SERA's authority to implement policies like tone (see the sidebar "Who says we can?"), and we've even heard some lobbying for an alternative repeater council in some SERA territory. SERA can set this kind of policy, and it can be questioned or challenged. But there's a lot more to being a frequency coordinator than sitting around one day and deciding to create, or oppose, a single policy. A few new coordination groups have been attempted elsewhere based on that kind of clash. If the original group was doing a generally good job to begin with, the alternative groups didn't succeed. Providing consistent, fair frequency coordination is too much work.

WHY NOT POLL?

Why didn't SERA poll members in advance on this controversial issue? Many hams commented that whether or not they agreed with SERA's point that tone needed a push, they felt that SERA was being dictatorial in not bringing the issue up for comment before launching the policy. My e-mail to Pete might be a clue to the answer. Most of the staff knew that there has been an undercurrent of resentment about tone out there, and that not every repeater owner is a SERA fan. Nobody predicted the level of response the issue would generate.

SERA doesn't have a mechanism to scientifically measure member opinion. A ballot of some kind is a lot of work, and we don't have the staff to do it. But more to the point, SERA is a representative group – rull members elect their state Director and Vice Director, who should have a fair idea of what their constituents think about repeater operation as they formulate and vote on policy. We could have launched a trial balloon in the *Repeater Journal* first, and in hindsight some SERA staff feel that might have been a good idea. Some still don't.

But SERA did listen to the reaction from members and non-members and from repeater owners and users. The Board is working to devise a policy that answers many of the criticisms they've heard about the tone policy and still accomplishes the original goal of reducing the number of complaints that coordinators have been receiving from owners of carrier access repeaters that receive key-ups from users of co-channel repeaters, and from users who hear the output of a neighbor co-channel repeater.

We expect to be able to wrap up the tone question in the February 2005 *Repeater Journal*, and if information is available sooner we'll post it on our web page: www.sera.org. ■

The red shirts return: KG4BKI, K4YM, KN4AQ and N4YMY face the crowd at the Virginia Beach hamfest

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FCC approves BPL rules

Gary Pearce KN4AQ

The FCC Commissioners approved the Part 15 revisions that spell out the rules for BPL in a public meeting on October 14th. The actual text of the Report and Order was not released at the meeting, but FCC Senior Engineer Anh Wride read an overview of the changes, most of the Commissioners gave their views of the changes, and some additional details were illuminated in a press conference following the meeting.

There were no major surprises, except perhaps the extent to which the discussion centered around interference concerns and Amateur Radio. Most of what was seen in last winter's Notice of Proposed Rulemaking is incorporated in the R&O, including the need to be able to remotely control the systems and notch spectrum, and a public database to make identifying interference easier (a step the industry opposed).

BPL equipment will have to go through a Certification process, where the manufacturer makes tests and submits the data to the FCC for approval, rather than the simpler Verification process, where the manufacturer makes the tests and just tells the FCC all is OK. The BPL industry did *not* get a waiver for existing systems, something that some had requested. All existing systems will have to meet the new standards, though they'll have a grace period to come into compliance.

When published, the R&O will list "excluded frequencies" that must be avoided everywhere (mostly aeronautical ground and air station channels), "exclusion zones" where some frequencies must be avoided (areas around Coast Guard stations, radio-telescope sites), and "consultation areas" where BPL operators will be required to notify and consult prior to commencement of operations. And BPL operators will be required to notify state and public safety services with specific information about their planned operations prior to commencement of service.

You can watch the entire meeting via the Internet and Real Video by going to:

www.fcc.gov/realaudio/agendameetings.html

and selecting the **October 2004 Meeting Video** link. The BPL Report and Order was the first topic on the agenda and takes about 30 minutes. Then skip down to about one hour and 14 minutes for the press conference, where several interesting questions are asked and answered.

HAM RADIO FEATURED

Hams watching the meeting might be surprised by the frequent references to the Amateur Radio service, especially in comparison to the Commission meeting last February that introduced the NPRM. In that meeting, the topic of interference was prominently mentioned, but the words "Amateur Radio" were not spoken until brought up by a reporter during the press conference. At this meeting, almost everyone making a comment discussed Amateur Radio by name, some at length. Most of the comments were intended to reassure hams that their concerns were recognized and being addressed, but some included a note of compromise.

>> LET ME JOIN WITH THE WARM WELCOME TO OUR COLLEAGUES AND
Michael Copps
Commissioner,
Federal Communications Commission

FCC Commissioner Michael Copps, appearing in a replay of the October Commission meeting that approved BPL rules, notes concern.

Read between the lines, though, and some of the concerns hams have had from the beginning are still valid.

Anh Wride sounded the first note of caution in her opening remarks:

> We recognize that access BPL devices pose a somewhat higher potential for interference to licensed radio services that typical part 15 devices. However we believe that the significant benefits of access BPL warrant a small degree of additional risk and that this interference potential can be satisfactorily managed. The record in our investigation, including those of NTIA, indicate that access BPL systems can generally be configured and managed to minimize or eliminate this interference potential.

Then she listed five areas in which the new rules are intended to minimize interference:

- frequency agility and notching
- excluded channels, exclusion zones and consultation areas
- database managed by the industry, listing systems by zip code
- standardized measurement procedures
- equipment certification rather than verification

Commissioner Michael Copps sounded the most cautious note. He appeared aware that all the talk of mitigation and avoidance came down to the ability of the Commission to respond to individual complaints in a timely fashion, saying:

> I remain concerned with the question of interference to Amateur Radio users. I take the concerns of this community very seriously and believe that the FCC has an obligation to work hard to monitor, investigate and take quick action, where appropriate, to resolve harmful interference. If interference occurs, we must have a system in place to resolve it immediately. If an Amateur Radio user makes a complaint and an agreement between the BPL provider and the Amateur Radio user cannot be reached, the FCC should step in and resolve the matter. These cases must not take years to resolve. I hope we'll have some really effective rapid turnaround procedures here in place to treat whatever complaints come in.

Commissioner Jonathan Adelstein included Amateur Radio in a list of existing spectrum users that could be affected by BPL and said, "These are important services that we need to protect from harmful interference and I'm glad we've made every effort to do so in this item." He noted that some systems seem to be working well, while others have not (he wasn't specific on which was which). "I think that BPL can work side by side with existing licensees provided that operators respond appropriately and effectively to harmful interference concerns," he said, adding that all parties should work together.

POWELL CAUTIONS HAMS

FCC Chairman Michael Powell made the most cautionary statement, after giving hams a pat on the back:

> I want to particularly say to all those wonderful Amateur Radio operators out there – they are still an important resource in the American communications landscape. They are ones that we continue to care about and continue to want to foster and prosper. And we have taken great care to ensure that the pro-

tections in this item are necessary to allow that service to continue. And we will continue to be vigilant about it and put the tools in place for that.

But let me underscore the potential for the American economy is too great, is too enormous, is too potentially groundbreaking to sit idly by and allow any claim or any possible speculative fear to keep us from continuing to drive this technology and drive America into the broadband future.

PRESS Q&A

In the press conference following the meeting, reporter's questions yielded a bit more information. Bruce Franca, Deputy Chief of the FCC Office of Engineering and Technology, said "Absolutely some of the technologies being deployed today do not have all of the capabilities that we are requiring of BPL systems," and would have to be upgraded during a "transition period."

OET Chief Ed Thomas said that the R&O would list "administrative procedures, step-by-step" for resolving interference issues. But deadlines would be imposed only for certain Public Safety services.

A reporter refered to the weak signals Amateur Radio operators typically deal with and asked, "Who ultimately makes the decision about whether or not that's considered harmful interference?"

Thomas answered, "That's black and white. That's the Commission that makes that determination. But it's our belief that the notching provides the protection that's reasonable and in the public interest, and we don't think that's a major problem," adding, "There's been a lot of rhetoric surrounding this as well."

PROGRESS ENERGY TRIAL ENDS

In other BPL related news, Progress Energy switched off their BPL equipment and pulled the hardware off power poles in their trial areas south of Raleigh NC. The utility announced that they had completed their trial in August, saying that the trial was successful, but that they were not planning a commercial rollout at this time.

Progress Energy's BPL operation was the target of many complaints to the FCC (including several from me), but company spokesmen said that the complaints had nothing to do with the decision to shut down or not pursue a full implementation. The FCC had investigated the Progress Energy trial and concluded that it was not causing harmful interference to certain hams operators cited in one complaint (see the August 2004 *Repeater Journal* for details).

Over the summer, several utilities reported that their BPL plans were on hold, citing "regulatory uncertainty" while awaiting the FCC Report and Order. Now that the R&O has been announced, expect to see more activity in the BPL field.

AMPERION CONTROL LIMITED

Despite the FCC's "clean bill of health" for Progress Energy's BPL system, equipment vendor Amperion failed twice to demonstrate complete control over their trial system.

Amperion's initial installation in January used RF that completely crossed the 12 and 10 meter bands on overhead lines, audible more than a half mile away by home stations. In their first attempt to clear the ham bands in April, Amperion tried to move to spectrum between the 20 and 15 meter bands, with a notch on the signals crossing 17 meters. They missed, leaving a full-strength signal across the top 60 kHz of 20 meters. The FCC completely missed this signal in their investigation, and the ARRL pointed it out in a response to the FCC's declaration that the system was clean.

Progress Energy asked Amperion to fix that problem in August. The result: the BPL signal moved up the band, did clear 20 meters, but ended up full-strength across the bottom 100 kHz of the 15 meter band. Wake County NC hams were in the process of complaining about that signal when Progress Energy pulled the plug on the entire trial.

Amperion failed to completely control their equipment in a Cedar Rapids, Iowa trial as well. In that case, utility Alliant Energy said that interference was one factor in deciding to end the trial early. ■

NHRC

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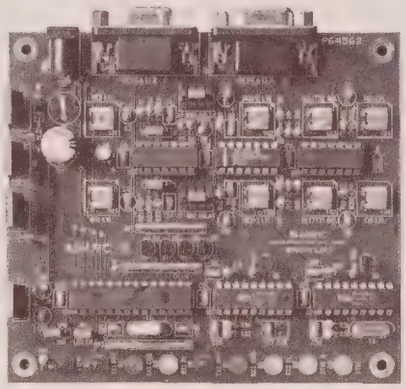

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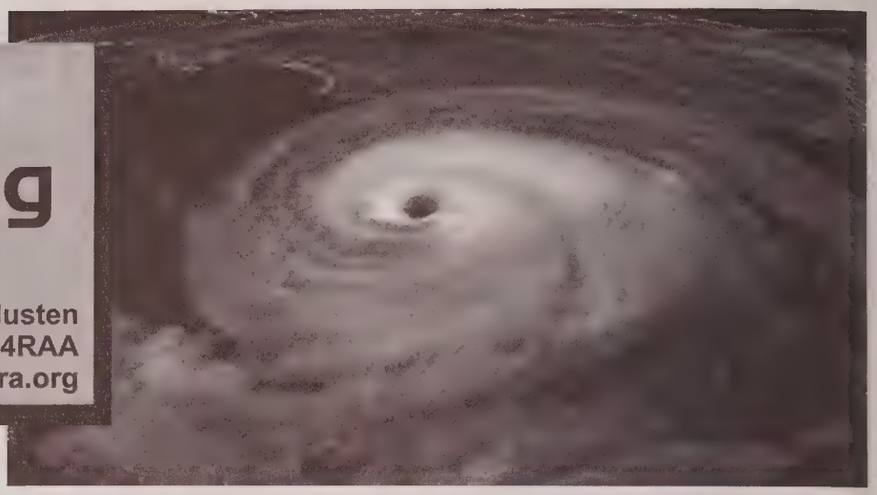


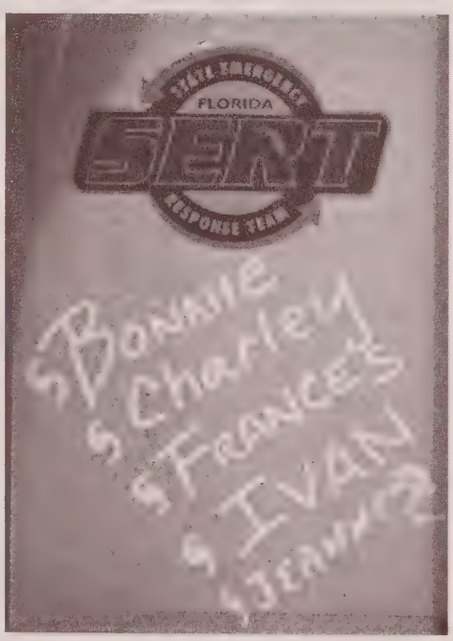
Hurricane Jeanne makes landfall on September 25th

One after another… Alex, Bonnie, Charley, Frances, Ivan and Jeanne made their way to the Southeast…with Florida taking hurricane damage in the billions and loss of life reported at 79. Charley hammered Florida's southwest coast August 13th, Frances blanketed much of the peninsula as it crawled through Labor Day weekend, and Ivan took aim at the Panhandle when it hit on September 16th. Jeanne soon followed, with slashing winds reaching 120 mph, plowing through virtually the same area that was hit by Frances. The storm weakened after moving across Florida, but brought heavy rain and tornados to the already-soggy South, toppling trees, washing out roads, damaging cars and homes and leaving thousands without power. Together, Hurricanes Charley, Frances, Ivan and Jeanne generated the largest relief effort ever undertaken by the Federal Emergency Management Agency.

Ahead of the storms, Amateurs relayed changing surface conditions to the National Hurricane Center's WX4NHC in Miami on the traditional 14.325 MHz Hurricane Watch Net. In addition, WX4NHC utilized the newly established VoIPWX Hurricane Net to gather reports from participating repeaters and stations linked by IRLP and Echolink. Earlier this year, Kevin Anderson KD5WX and I combined the resources of both popular VoIP weather networks, allowing repeaters in the affected areas to join one common network by linking to either the Echolink WX-Talk Conference or the Raleigh IRLP Reflector 9210. This cross platform bridge allowed us to jointly form a central point of contact with the Hurricane Center, with one Net Control operating from either IRLP or Echolink.

Julio WD4R, with over 24 years at WX4NHC, states, "the Internet linked repeaters on the VoIPWX net have been a tremendous asset to us, providing a whole new resource of stations – VHF/UHF/Mobile/Techs – that we would have not otherwise heard from on HF."

In addition, repeaters and links outside the affected area could monitor traffic by connecting to one of the listen-only IRLP or Echolink channels, or catch the feed on an MP3 audio stream server provided by Dave K9DC in Indianapolis. Listen-only channels minimized network loading and prevented interference on the primary channels from hams who just wanted to monitor the activity, thus allowing the net control ops to better focus on the reporting process rather than having to lock out accidental interference. IRLP inventor Dave VE7LTD provided new technology on the fly by coding a one-way link off of the 9210 Reflector to 9206 listen-only.



KA4EPS, Deerfield Beach, Florida

FIVE CONSECUTIVE WEEKS

"Never in our wildest imagination would we ever believe that our net would stay active for nearly five consecutive weeks" stated my partner Kevin KD5WX, who maintains the WX Talk conference server in Nacogdoches, Texas. Without the volunteer support staff from all over the world – net controls, liaisons to WX4NHC, advisory readers, network monitors and Internet technical support wizards, not to mention the dedicated operators in the field giving us first hand weather data and changing conditions reports – we could not have sustained such as effort.

One certain advantage is that propagation is not a factor and net control can be staged from any location in the world with VoIP access. Having Tony VK3JED in Australia, Connie NH7IE in Hawaii, Dennis VE3GOU in Ontario and others staffing what for US operators was the graveyard shift was a tremendous bonus, as their operational time zones are more favorable to monitoring the overnight traffic here on the east coast.

Connie NH7IE stated, "As Skywarn Coordinator for Hawaii, I find it amazing living so far away that I can be of assistance. It has been an incredible experience. It has been an honor and a pleasure to be in such great company of dedicated ham operators. My participation in the nets has given me a tremendous amount of experience, knowledge and new perspectives. Also, as a result of Ivan, I did purchase a weather station. As I listened to the measured reports, I realized how valuable it would be for me in the islands."

Tony VK3JED stated, "For me, it's been a whole new experience and one that isn't available here, and wasn't available to me at all, just a few short years ago. From both a technical and operational perspective, this has been a valuable learning experience." While most of us were asleep, Tony was keeping watch over net from "Down-under".

The VoIPWX net team had to regroup with every consecutive storm, and the responsibility of scheduling the continuous list of Net Control Operators for each shift fell into the hands of Rob KD1CY in Massachusetts, with the help of many of his local W1AEC club members. Many volunteers were needed to staff the long shifts, since several of the Hurricanes were slow movers on somewhat unpredictable paths. As the Hurricanes' land target became evident, repeater owners and linked stations were contacted to be on notice to participate in the VoIPWX net. New relationships were formed as we established contacts with 6Y5 operators in Jamaica and other new locations along the track, reminding us why we had studied that grade school geography.

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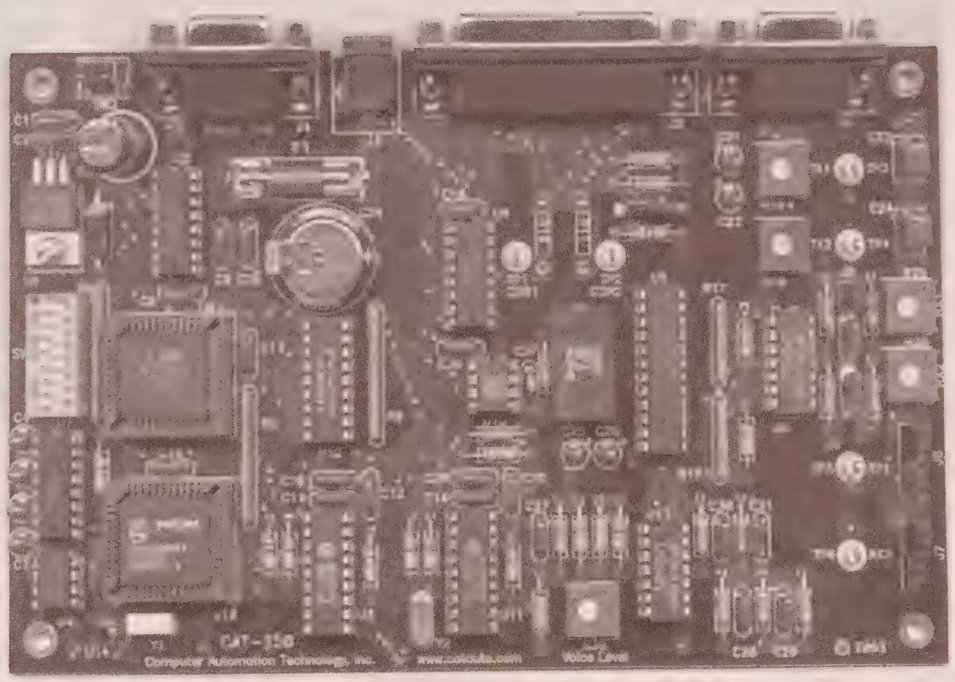

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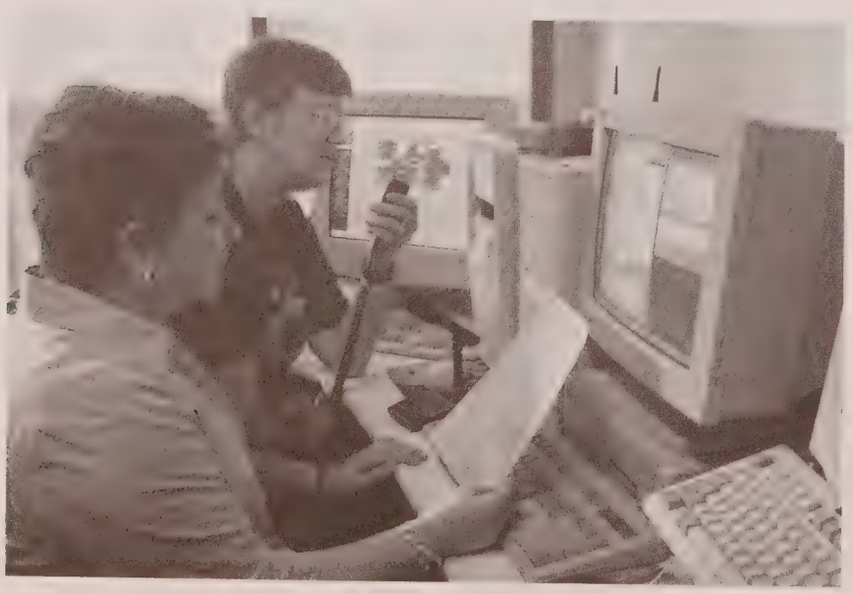
There were times as the eye of a storm approached that traffic on the net became hauntingly silent, leaving us wondering – just how many repeaters and links still had power? While thousands monitored the net from around the world, our thoughts were of the devastating damage being reported. As we waited patiently, a signal would pop in from the affected area giving us those high wind and damage reports that helped others in the path know of what to expect, and giving the Hurricane Center additional tracking data. Some of the participants were serving double duty by providing Red Cross shelter communications or were stationed at their local Emergency Operation Centers.

Photo courtesy of K4JVP, Hurricane Intercept Research Team

"The VoIPWX net also provided storm track and hurricane advisory information to those who were manning the shelters and were trying to keep up with what was happening. Ham radio is sometimes the only link they have to stay informed and help the people who are there, when conventional communications go out. We need to get all the reports we can to keep others informed of what's going on in their vicinity," commented Denyse K4DAW, in a post-net debriefing. We also received comment from several stations reporting, "it was reassuring to know folks outside the affected area were listening in and available to help".



NC4VA and K4DAW operating Net Control for the VoIPWX net from KD4RAA hub.

Lu KA4EPS of Deerfield Beach, Florida deserves the VoIPWX merit award. Through personal adversity with each of the storms, Lu checked in on a regular basis with measured weather data, not only from his location but also from adjacent communities, and relayed reports heard on other repeaters. Lu's comment to us was that he wished "more repeater owners and stations in the affected areas would tie in with many more local operators stepping up to submit reports". Lu was consistant in his reporting since he had backed up his repeaters and links with emergency power. At peak times we logged in Lu's measured data, sent with his HT in hand while checking on his neighbors, surveying tree damage in his community or checking conditions at his various Cingular tower sites.

Rob KD1CY informed the VoIPWX NCO team, "It's my belief that the VoIP Hurricane Net has made a large impact on getting additional data for the National Hurricane Center. The professionalism and hard work of all involved has resulted in an increase in our value. With each hurricane, the reports gathered and sent to the NHC have been of higher quality and more value to the NHC forecasters. In addition, with each activation, we've increased our ability to get more Echolink/IRLP nodes hooked into the net ahead of time, which has increased the level of participation in our nets. As the word gets out of the capability of the net, more repeaters will get this capability and allow us to get more reports. Over time, I can see this evolving to where we have direct liaisons to SKYWARN Nets and key EOC's in the affected area."

KD1CY states that "here in Southern New England, we already heavily use the IRLP/Echolink New England Network as a command net for our operations. As the ARES SKYWARN Coordinator for NWS Taunton, my area and state coordinators are working hard to establish it as a command net of liaisons from the area that NWS Taunton covers. With each year, we get more stations with the ability to check-in to the network from across the region. If a hurricane threatens our region, it will be easy to simply plug the NHC and the additional NCO's or assistants into the New England Network and you'll have direct access to our SKYWARN Network."

We are always looking for qualified net control operators to help us with the net that are familiar with the VoIP technology and have Skywarn net experience.

POST MORTEM

During and after each Hurricane, the VoIPWX team evaluates the effectiveness of the reporting criteria, the number of stations participating, the level of spotter trained personnel and the technical merit of the links connecting. With each storm, the group seeks to improve both the technology and the reporting process.

The primary concern is the ongoing desire to have many more stations in the affected area connected in, with more frequent weather data or storm damage reports being passed to the net from all locations of the storm's path. This is not always easy, since we recognize that many stations are helping with other local emergency response or diverting their efforts to "self defense" preparation. Having designated liaisons with access to internet linked repeaters will most certainly help the process.

In the post-net, many indicated that in the future they will begin to use some of their more underutilized local repeaters, especially on 220 and UHF, and even some simplex backup nodes for their VoIP linking as an alternative band, since many are monitoring their primary VHF repeaters for local response activity.

There is always been reservation from the affected-area stations on when to report in, not knowing exactly what information is required on the net. Many stations are finding the VoIPWX

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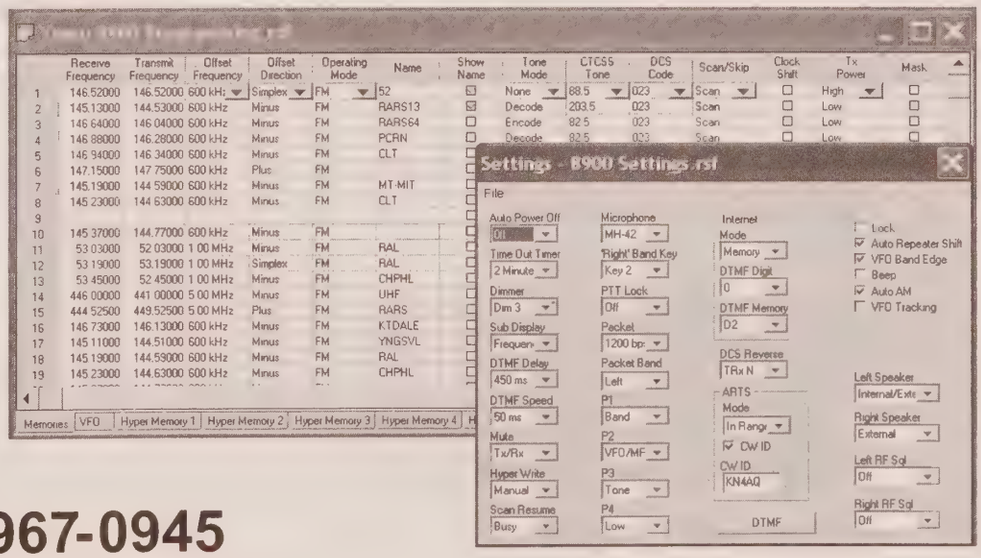

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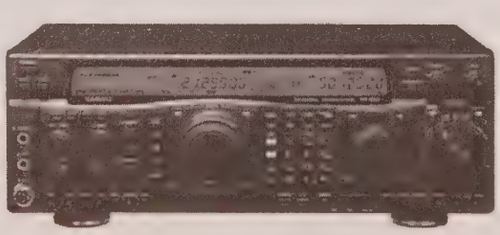

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net for the first time and seem almost hesitant to report, when they hear that we are looking for measured reports only. One reason is certain, that many do not own or have access to personal weather stations (which we really all should have if you are seriously going to participate). We recognize that the primary purpose of the VoIPWX net is to serve the NHC with accurate data, but have also found beneficial those estimated or observed damage reports as a means to keep involvement active and inform local officials or agencies of immediate threats. "A communications tower has just collapsed" might not be a part of the measured weather reporting criteria, but has merit from a local response agency perspective. We were surprised to learn that many of the local EOC's, Red Cross shelters, local law enforcement and even media outlets were monitoring traffic off of the VoIPWX net.

Rick W1RJC and Rob KD1CY operating the net from the W1AEC club station

To help encourage participation, the VoIPWX team has offered to loosen that stringent reporting requirement from those participating stations by taking those estimated and observed reports as well as the measured data required by WX4NHC. Net Control operators then have the responsibility of buffering and discerning that information and deciding what meets the reportable criteria before submitting it to the Hurricane Center. The team has learned that the net also serves as a tool to inform emergency response agencies, local NWS offices and other relief efforts of damage reports and changing conditions. Plus, the local stations who are linked in and participating from the affected area are anxious to know everything that is being reported so that they can better respond to conditions affecting their immediate areas.

TWO-TIER CRITERIA

To clarify the purpose, we are implementing the "two-tier" reporting criteria to accommodate both "measured" and "observed" reports to the VoIPWX net.

The first tier is what the VoIP net Control states they are looking for on the air:

- Strong Winds – estimated or measured.
- Wind damage reports (trees down, branches down, structural damage)
- Measured Rainfall
- River/stream flooding, road washouts
- Coastal storm surge flooding
- Tornadoes and funnel cloud activity
- or other emergency traffic

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The net will accept any traffic including first and second hand data, relayed information from NWS offices, EOC's or on other local repeaters, even verified reports from local media in the area. We also permit estimated wind speeds with the Beaufort Wind Scale as a guide, observed damage, power outages and any local emergency traffic that needs to be passed in the affected area. Hopefully more of these reports will increase the flow of traffic on the net and satisfy the needs of many agencies and individuals monitoring.

The second tier is what we actually relay to the NHC. Again, Net Control will filter this information from the broader first tier reports and relay it to the NHC. Reports sent into the NHC must be first-hand or relayed reports from other hams, family/friends or from EOC's and *not* from the news media, NWS official observing stations or commercial broadcast. Reports from commercial broadcasts, NWS observing stations, buoys, and the media can be stated on the net but we do not want to forward that information to the Center, as they are already aware of it.

VoIPWX Net Control will only file reports to the NHC with:

- Measured Wind Data: measured winds sustained or in gusts of 35 MPH or greater (they'll also request a measured Barometric pressure reading if measured wind speed criteria is met.)
- US Estimated Wind Criteria: Estimated winds of 35 MPH or greater *only* if accompanied by wind damage (trees down, branches down, structural damage etc.).
- Non-US Estimated Wind Criteria (all non-US locations, such as Puerto Rico, the US Virgin Islands, Mexico, Bahamas, Cuba, Cayman Islands, Dominican Republic, Haiti, as well as the Windward/Leeward Islands Caribbean chain, Central America etc.): estimated winds of 35 MPH or greater, regardless if there is any observable wind damage. (The looser criterion is due to a lack of weather measuring equipment in these areas.)
- Wind Damage Reports (trees down, branches down and structural damage)
- Measured Rainfall (minimum of 2" or greater, or 1" of rainfall in an hour, and any final rainfall amounts.)
- River/Stream Flooding, road washouts, roads closed due to river/stream flooding or urban flooding.
- Coastal Storm Surge Flooding
- Tornadoes and Funnel Cloud activity.

Julio WD4R adds that "WX4NHC will not accept any second hand reports of casualties, injuries, deaths or missing, even if "heard" from the police, media, or other agencies. We want to avoid spreading rumors. For us to accept this type of report, we need complete contact information on the reporting station and that the reporting station has personally seen the casualty and will be responsible for verification of his/her report."

Julio also indicates that "another observation (from reports received during Ivan on HF), we had reports of 'destruction of 90% of homes' and 'total devastation', etc. These types of reports needs to have further detail, such as:

- Is this person's report in their immediate area or a larger area?
- Where is this station physically located (on the river, near shore, 50 miles in-land)?
- The storm surge was 7 feet deep.... (where?, in your home?, did you personally see it?, did you have a landmark to measure from?)

Stressing again that we do not want second hand reports, as they tend to become inaccurate and unverifiable and can lead to rumors and loss of credibility on our part."

We also hope to have designated liaisons to local Skywarn and NWS offices in place in the storm's path to help facilitate the measured reporting process.

GET WX MONITORING EQUIPMENT

It has also been suggested that net participants be encouraged to upgrade their shack with a handheld anemometer and rain gauge or a basic weather station. "I am surprised that a number of amateur radio operators have thousands of dollars in radio and tower equipment but don't own a $10 rain gauge. In addition you can purchase a wind speed indicator (mounted to a ham tower, 10 meters above ground) for less than $80. It is very difficult to estimate wind speeds and I know meteorologists would definitely want measured wind data," said Bob WX4MMM, AEC Central Carolina Skywarn. Virginia NC4VA stated, "Good rain gauges can be purchased for just a few dollars. However, if money is a concern, a ruler plus a glass with a flat bottom and straight sides will do nicely".

NC4VA with simple rain-gauge

It is fair to say that we would like to see more participation and leadership from repeater owners and users when these storms approach, especially in the SERA coverage areas. Some people believe that ham radio exists for emergency communications and this is certainly a good application to easily plug into for that purpose. Many repeater owners have already implemented back-up power at their sites, have links in place and their users are already familiar with Skywarn type activity. Clubs and trustees are beginning to use secondary repeaters and establish links just for this purpose. This is a genuine place to put your system to good use. The VoIPWX team will welcome your involvement and stands ready to offer any technical assistance to get you linked into the net. You can find us at **www.voipwx.net**. ■

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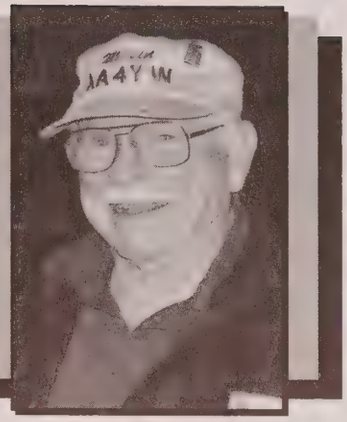

Man, That's HiTech

This is a wonderful time to be alive. The whole world is blossoming with fantastic things to make our lives more comfortable and more interesting and more entertaining. Our high performance automobiles, and airplanes, and television, and radio are beyond the wildest expectations of the last generation. And they all are DIGITAL, exploiting micro electronics and computer systems. And we all are using them as part of the new enlightened high tech generation. That makes us all ridiculously smart.

We are now so smart that we don't really have to know anything. Well, not really. We must know how to follow instructions. While many of the high tech users, like the grocery clerk, need to understand only a few simple things like how to swipe the items across the laser so that the bar code can be properly read into the computer, the next level must know how to program things. Your digital camera and your digital TV/sound system and your digital whatever give you several options, so you go to the user-friendly multileveled menu to get what you want (or what the maker wanted you to want).

There are usually manuals or help files to come to your aid, but they never address how anything works, every section starts out with "If you want to ...", and then tells you what strokes cause the device to perform that. But if that isn't what you really want, you can keep looking down the menu, and maybe it will be there.

The medical industry is one of the most advanced users of modern high tech. You can get pictures inside your gut or in your heart and you can get computer resolution to ekg's, NMRI's, CAT Scans, Sonograms, and lord knows what. I once watched the valves in my own heart pumping away in real time. This is a field where the expense of development and high capital costs can be justified, although now some are asking about the nation's medical bills.

I was talking to a gastrologist who was showing me pictures taken inside a stomach and he was saying that the next step was to plant a probe in the esophagus. Like the dummy I am I asked, "What's a probe?" I was thinking space probes or something. He looked at me like I was hopeless and indulgently responded, "to measure the reflux of acid." "Oh, a little pH meter", said I. Again I got a look: I wasn't supposed to know that pH meters measure acid.

"So to what is it attached, how is the data read?", I pursued. "It's very small and not attached to anything", says he, "the data goes to this little box worn on the patients side."

"You mean it uses radio of some sort ...", this was getting really interesting. I wish I could go on to explain what the system really was and how it worked, but after a couple more exchanges it became obvious that this doctor had no clue how or why this thing worked. He is a good doctor, and properly uses devices like this regularly and probably serves his patients well. But he is using things developed, orchestrated and programmed by other people and he has no idea what he has in his hand. But he, or his technician, follow directions well. High tech at work.

I recently learned that the Naval Academy no longer lists celestial navigation as a required course. A US naval officer can now command a ship without ever having taken a noon sight. It was found that GPS and other high tech electronic systems had made these old methods obsolete. Now he must be very good at following the instructions on that little black box. It has been reported that there are owners of large expensive yachts that never go on deck, but navigate solely from computer screens in the comfort of their cabins. That is real progress. It wasn't mentioned whether they do this while talking on their cell phones.

We in amateur radio are moving more in the direction of digital modes. This is wonderful. I remember when you were supposed to know about bits and bytes and frequency offset and handshaking, and maybe a little Boolean algebra. At the time it looked like fun. What I am seeing recently is hams trying to resolve programming problems, by which they mean understanding the instructions that come with their purchased system or the menus in the software that they just downloaded. If you are really good at following installation instructions and you can get around in the menus, you qualify as an expert.

I have trouble with menus. It seems they always know better than I what I want and are designed to provide me exactly (and only) that. I hate people and things that tell me what I ought to want. And the FAQ invariable addresses only the stuff that they want me to know; the rest is "don't ask." Every time I have upgraded software I have found the following to be true: (1) the graphics, bells and whistles are more elaborate, (2) the new system takes longer to load and runs a little slower, (3) I can now do a lot more things that I have no interest in doing, and (4) there is at least one thing that I found very useful and always did that the new system "protects" me from doing.

The impression that everyone in the world is following instructions and working their way through menus has got to be wrong. Somebody actually writes this stuff. Would you think, perhaps, one person in a thousand? Maybe one in a hundred thousand? And do they experience a separate and distant existence? No, surely not. Alas, many, many years ago I, myself, wrote programs that were distributed among my colleagues to do calculations that were necessary in our group. I know I prepared instructions (no menus back then) and was probably not eager to review the guts of the programs with users. Good Lord, could they be like me? Things are even worse than I thought.

It may be that a few thousand individuals (still a minute fraction of us) devote themselves to solving particular problems and programming these solutions for general use. And after there is a good solution to each problem, no one else (including other members of the small problem solving group) need think about it again. This frees the creative to invent synthetic problems and expand into areas beyond reality. In fact we can invent, employing our wonderful computers, entire systems with complex infrastructures of sufficient sophistication that new problems are born spontaneously within them. While concentrating intently on these problems we can grow confused when grasping for the bounds of reality.

You don't think that Amateur Radio is going there, do you? ■

Nostalgic Wavelengths

DAVID BOWER K4PZT
P.O. BOX 10145
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(865) 670-1503

Loading Up a Tree

I enjoy cruising the many area hamfests and meeting with the friendly and interesting people. Some participate as inside dealers, and others hang out in the flea market. For the past several years, I've gotten to know a local ham who is really interesting to talk with.

I was first drawn to his table at one of the hamfests a while back because of his unique and interesting antennas. He proudly showed me a picture of his "arrangement" for loading up to a tree—and, yes, I said tree.

Now if you're wondering whom I'm talking about, his name is Norris Price KF4BWG, and he lives in Rogersville, Tennessee near the Smoky Mountains. Norris used a couple of nails attached to a length of coax to "connect" to the tree. An in-line SWR meter permitted him to establish the best SSWR (that's "Sap Standing Wave Ratio"), a term chosen to more clearly define the process.

Well Norris soon moved on to other original and interesting ways to radiate RF. He constructed a 13bwg two meter antenna and modified it with a length of metal mesh secured to the reflector element, something perhaps along the line of the old TV antenna corner reflector concept. He achieved improved results by phasing two of the antennas together.

Well, Norris was on the march and discovering more clever ways to construct antennas. At another hamfest, he had a two meter Yagi displayed with a rope to change polarization. A hinge attached between the mast and boom was the trick. Later, he would go on to refine this unique (and practical antenna) with the addition of a motor and pulleys. At the last TEN-TEC Hamfest in Sevierville he had this antenna proudly displayed.

And for those awaiting the rainy season, Norris had found a way to be both practical and radiate electromagnetic energy. He had an old umbrella, and as he related to me, thought about using it with his HT. After investigating the matter, he decided the metal struts for the umbrella would work well with a little modification. He attached a piece of RG-58 coax, Gamma Match fashion, to one of the metal support members and carefully adjusted it with his MFJ analyzer. He found the USWR ratio (that's "Umbrella Standing Wave Ratio") to be 1.3 to 1. And, as he passed along, was able to work hams some distance away.

Norris has a certain fondness for J Poles and he has pursued that critter. He uses such common materials as steel mobile whips and hardline to construct very attractive and functional antennas. His latest creations have included the use of beverage cans to construct a J Pole and downspout (rain gutter) J Pole. I bet these antennas have a great VSWR bandwidth figure because of the large size of the element material.

When you see Norris at a hamfest, please stop by and inspect his latest creation. ■

A collection of BWG antennas, clockwise from lower left: the Umbrella, the 13BWG beam, the soda-can J-Pole, and the downspout J-Pole.

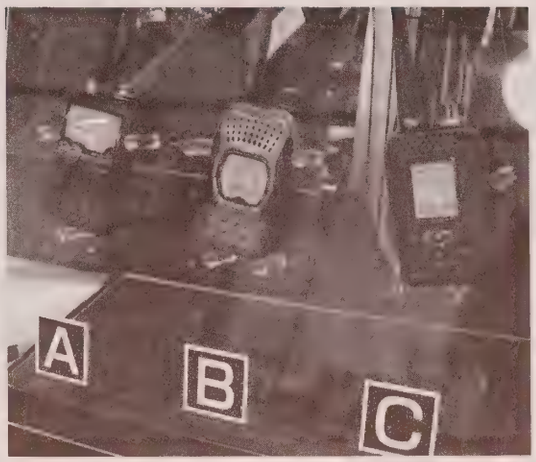
Norris' Walnut Tree antenna was featured in the November 2000 issue of the Repeater Journal. *Check out his web page at* ***www.qsl.net/kf4bwg***.

Loading to a Bedspring

DAVID BOWER K4PZT

Years ago (many years ago), I found interesting ways to "load up" my Benton Harbor Lunch Box. That's Heathkit SIXER, or HW-29 for pursuits. This great little six meter transceiver was popular for mobile use, as well as base operation. It was simple to use, cheap and very light weight. It could operate from 115 volts AC in the home (with its built in power supply), or mobile with a separate vibrator power supply. But several of us teenage hams in Knoxville, Tennessee soon started experimenting with "other" antennas to use with the "Lunch Box." We would attach some alligator clips to a piece of RG-58, and try out all types of potential radiators. Metal house lamps (the type in the living room) seemed to work well. Another was the metal spring material in a mattress. That way, you could talk with your ham buddies in a relaxed manner. A metal clothesline line was great outside, as was metal fencing. The later gave a true meaning to the term "electric fence."

I'd like to learn of your experiences in the early days loading up to various "unique" antennas with your SIXER. ■



Icom HT Survey

What do you want your next HT to lool like? Icom is asking hams that question in a survey at hamfests, and displayed these three models in their booth at Shelby.

The model at the left, labeled "A," was the most "HT-like." B and C looked more like FRS radios or cell phones.

An Icom rep suggested that model A was ahead in the balloting.

Hams do like their tradition! ■

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Kids, Time, Hobby and Career.

Greetings all from the Diaper King!

My son Zach, who just turned one, has discovered my radio equipment. Each morning, Zach assists me with preparing for work. He seems to enjoy the beeps and lights on my business band equipment. I'm sure it wont be long until he is talking to the Dispatcher. Katie had a complete conversation in the past....another story!

The hurricanes have kept us all very busy, mostly with preparing for "what if" more than actual problems. I hope everyone reading has been safe through them all!

The older I get, the more I discover the art of time management. A recent conversation with Dale Sutphin of Mount Airy NC stirred the thoughts for this issue. He asked me how I manage everything.

The honest answer is I'm not really sure how everything keeps going! I have the normal demands of a family and career as many of you. I also have added issues concerning a farm that is demanding my attention with a bush hog, a new radio system for my county EMS, another county upgrades, another county asking for a evaluation, demands from the wife for some grass in our yard, the various activities with the family, and a few more items that explode from time to time.

I make sure the family is priority. Sometimes my wife doesn't see it that way, but honestly I try! The additional things in life are balanced somehow. We all do it. Making an extra hour somewhere.

Recently, I started building "Daddies Room" in the basement. It will include space for my two main hobbies, Ham Radio and Model Railroading. Both are very enjoyable for me, and I think because of the two, I find the right balance. We all should have some "down time" or time to relax. I find I relax by just going down there. Thus, the advantage of having a hobby. Something to do and enjoy.

But then again, I seem to enjoy almost everything I do. (Well, almost). A recent discussion with a young Ham friend was concerning a career. He asked a lot of questions and my basic response to him was find something you enjoy.

The older I get, the more the balance helps me focus on the important things in life. My desire for writing this issue is to remind my fellow Hams to check their priorities. Many of us are better dealing with equipment than people. I know for myself, people skills have been harder to learn than troubleshooting devices. After all, a good slap on the equipment case works, but not recommended with people. Well, maybe with mothers-in-law.....

Many of you have asked about my duties with the VSP. In upcoming issues, I hope to let you see into a "normal" workday. In 10 years, I have yet to have any two days the same! Composing an article may developed more into a overview, but include enough specifics for you to see what kind of madness comes along!

In my spare time, I'm also learning about Microchip PIC's. If you are into them, send me an email. I'm learning and working on a PIC to PC interface via RS485. I am looking for some ideas on solving some programming issues! I would also like to gain information from any of you building and using the PICs in Ham Radio uses.

As I'm writing this, I'm facing my next birthday. The OLD age of 36. Time flies when your having fun!

Till next time...GOD BLESS OUR TROOPS!

[editor's note: Randy's opinion on slapping mothers-in-law are his own, and not necessarily those of SERA or the ***Repeater Journal****. His opinion on being old at 36 is just whacked – KN4AQ]* ■

SERA Repeater Journal
The Official Voice of SERA, Inc.

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Info: Jim Sipprell ~ (865) 674-8785 ~ jmsip@charter.net ~or~ board@lakewayarc.org
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Lakeway Amateur Radio Club - 340 Economy Road - Morristown, TN 37814

SOUTHEASTERN REPEATER ASSOCIATION SERA MEMBER

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Deadlines to receive the next issue:
FEB: Jan 15
MAY: April 15
AUG: July 15
NOV: Oct. 15

THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. The *codes* column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeaters that have been coordinated but may not yet be on the air yet are listed with "PROP" in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency Coordinator for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	146.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770			
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
	Hi Speed Digital Chan. - 222.350 to 222.450 (222.400 Center) - (100 KHz wide)						
	Hi Speed Digital Chan. - 223.800 to 223.900 (223.850 Center) - (100 KHz wide)						
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of October 16, 2004

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		
DALTON	N4BZJ	29.680	-		
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	-	T141.3	☺
WARNER ROBINS	WR4MG	29.660	-		

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T151.4	☺
ATLANTA	KA5WZY	53.150	-		
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	☺
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
COCHRAN	W4MAZ	53.010	-	PROP	☺
#CONYERS	WB4JEH	51.550	+	UNCOR	
CONYERS	WB4JEH	53.550	-	T151.4	
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	
CUMMING	N1IB	53.930	-	107.2	
DALTON	N4BZJ	53.130	-		
HIAWASSEE	KC4CBQ	53.270	-	186.2	
KINGSLAND	KC5BMJ	51.940	-	T82.5	☺
LAKE PARK	KB0Y	53.890	-	T141.3	☺
LAWRENCEVILLE	W4GR	53.110	-	82.5	
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
#MACON	KR4OL	53.430	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
MCINTYRE	KF4CXL	53.730	-	T77.0	☺
#PINE LOG MT	WD4OVN	53.450	-	UNCOR	☺
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	
#ROSWELL	WA4YNZ	53.010	-	UNCOR	
SUMMERVILLE	KK4MC	53.750	-	T127.3	
THOMASVILLE	KI4AWK	51.740	-	PROP	
WARM SPRINGS	KD4BDB	53.230	-	PROP	
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-	167.9	☺
ALBANY	W4MM	146.700	-		☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-	T141.3	☺
ALLENHURST	KF4ZUR	147.270	+	162.2	
AMERICUS	W4VIR	147.270	+	T141.3	☺
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		☺
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	W4ZT	146.625	-	100.0	
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	
ATLANTA	WA4NNO	147.000	-		
ATLANTA	KC4ZIZ	147.285	+		
ATLANTA CARES	WB4RTH	147.105	+	T107.2	☺
ATLANTA/AIRPORT	W4REI	147.030	+		
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655	-	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	147.345	+	151.4	☺
ATLANTA/SWEAT MT	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	☺
AUGUSTA	N4BMA	147.180	+		
#AUSTELL	K4JPD	147.195	+	UNCOR	
BACONTON	K4TWG	145.150	-	PROP	
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BARNESVILLE	W8JI	147.225	+		
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	W9QXW	146.955	-	T100.0	☺
BLAIRSVILLE	KI4DZY	147.210	+	T100.0	
BOGART	W4EEE	147.000	+	T	☺
BONAIRE	KD4HMH	145.470	-	T	
BONAIRE	WR4LT	146.670	-	PROP	
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		
BOX SPRINGS	W4FIZ	146.745	-	PROP	☺
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CEDAR GROVE	WA4EHO	147.150	+	PROP	
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W4MAZ	147.330	+	T77.0	☺
COLBERT	N4ALE	147.300	+	123.0	☺
COLUMBUS	W4FIZ	145.310	-	T123.0	☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-		☺
COMMERCE	NE4GA	147.225	+	T123.0	☺
CONYERS	WB4JEH	145.230	-	T151.4	
CONYERS	WB4JEH	146.610	-	T151.4	
CONYERS	KF4GHF	147.210	+	T162.2	☺
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
CUMMING	WB4GQX	147.150	+		☺
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		
DALTON	N4BZJ	147.135	+	T118.8	
DARIEN	WA4EPK	146.685	-		
DECATUR	W4BOC	145.450	-		
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	T141.3	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M	KC4ZGN	146.985	-	T77.0	
EMERSON	AE4JO	147.240	+	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210	-	131.8	
FAYETTEVILLE	K4KZY	146.685	-		☺
FOLKSTON	KD4GEY	146.790	-		☺
FORSYTH	W4STJ	147.315	+	88.5	
GA TECH	W4AQL	145.150	-	167.9	
GAINESVILLE	W4CBA	145.190	-	PROP	☺
GAINESVILLE	W4ABP	146.670	-	T131.8	☺
GRIFFIN/CENAR	K4HYB	145.390	-	T88.5	☺
GRIFFIN/CENAR	K4HYB	146.910	-		☺
HARTWELL	N4VNI	146.895	-	T100.0	
HAWKINSVILLE	WR4MG	146.895	-	T107.2	
HINESVILLE	KG4OGC	147.015	+		
IRWINTON	WB4NFG	147.240	+	T77.0	
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-		☺
JASPER	KC4AQS	146.805	+	T100.0	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

JESUP	WA4EQL	145.190	-		☺
JESUP	WA9RNZ	145.430	-	T118.8	☺
JESUP	N4ZON	146.865	-	T123.0	☺
JESUP	N4PJR	146.925	-	T141.3	☺
JESUP/SCREVEN	N4PJR	147.345	+	141.3	☺
JONESBORO	WA4DIW	145.170	-		☺
JONESBORO	WA4OGE	145.330	-		
KIBBEE	K4HVK	146.820	-	T	☺
KINGSLAND	KC4WWU	147.285	+	T118.8	☺
LAGRANGE	KD4BWK	146.700	-	T141.3	
LAGRANGE	WB4BXO	147.330	+		
LAKE PARK	WR4SG	147.135	+	T141.3	☺
LAVONIA	K4NVG	146.715	-	T100.0	☺
LAWRENCEVILLE	W4GR	147.075	+	82.5	
#LINCOLNTON	KT4N	147.120	+	UNCOR	
LOOKOUT MT	W4GTA	145.350	-	T100.0	☺
LOOKOUT MT.	W4LAW	146.760	-	PROP	
LOOKOUT MTN	W4LAW	147.375	+	PROP	
MACON	W4BKM	145.370	-	T88.5	☺
MACON	AA4RI	145.430	-		☺
MACON	WR4DH	146.730	-	T100.0	☺
MACON	K4PDQ	146.805	-	T77.0	☺
MACON	WA4DDI	147.060	+	T	☺
#MACON	KF4XH	147.165	+	UNCOR	
MADISON	WB4DKY	146.865	-	T179.9	☺
MADRAS	N4OME	147.165	+	T131.8	☺
MARIETTA	W4LMA	145.490	-	88.5	
MARIETTA	N4NEQ	146.775	-	T151.4	☺
MARIETTA/ATLANTA	W4BTI	146.880	-	T100.0	☺
MCINTYRE	KF4CXL	145.150	-	T77.0	☺
MCINTYRE	KF4CXL	145.250	-	T136.5	☺
MILLEDGEVILLE	WB4DOJ	146.700	-	T67.0	☺
MILLEDGEVILLE	KE4UWJ	147.135	+	T123.0	☺
MONROE	KF4GHF	147.270	+	T162.2	☺
MORGANTON	N4NEQ	147.165	+	T151.4	☺
MOULTRIE	WD4KOW	146.790	-		☺
NASHVILLE	KB4JF	145.310	-	T141.3	
NEWNAN	K4SEX	145.130	-	156.7	☺
NEWNAN	K4SEX	146.790	-		☺
OCILLA	KD4MFS	145.350	-		☺
PEMBROKE	KF4DG	147.105	+		
PEMBROKE	W4CJB	147.390	+		
PERRY	WR4MG	145.290	-	T107.2	
PERRY	WR4MG	146.955	-	107.2	
PINE MT/HAMILTON	WB4ULJ	145.190	-		
QUITMAN	WA4NKL	146.880	-		☺
RICEBORO	KG4OGC	145.470	-		
RINGGOLD	W4ABZ	146.715	-	T67.0	
ROME	WB4YSV	147.300	+		
ROME/MT. ALTO	W4VO	146.940	-	88.5	
ROSWELL	N4CLA	147.060	+		
SANDERSVILLE	KT4X	145.270	-	T77.0	☺
SAVANNAH	K4NLX	146.700	-	PROP	
SAVANNAH	K4SDJ	146.850	-		☺
SAVANNAH	W4HBB	146.880	-		☺
SAVANNAH	W4HBB	146.970	-		☺
SAVANNAH	WA4IDS	147.150	+		
SAVANNAH	K4NLX	147.210	+		
SAVANNAH	K4NLX	147.330	+	PROP	
SNELLVILLE	KR4NQ	147.255	+	T107.2	☺
SPRINGFIELD	AF4VH	146.745	-	PROP	
ST SIMONS ISLAND	N4XGI	145.330	-	T131.8	☺
STOCKBRIDGE	WA4JDR	145.310	-		☺
STONE MT	W4BOC	146.760	-	T107.2	
SUMMERVILLE	W4RLP	147.225	+	100.0	☺
SWAINSBORO	K4VYX	146.790	-		
SWEAT MT/MARIETT	N4CLA	145.470	-		
THOMASTON	W4OHH	147.390	+	131.8	☺
THOMASVILLE	W4UCJ	147.060	+		
THOMSON	KC4GSS	146.835	-		☺
TOCCOA	N4MTN	147.330	+		☺
UNADILLA	WR4MG	146.760	-	T107.2	
VALDOSTA	WR4SG	145.130	-	T141.3	☺
VALDOSTA	KF4BJM	146.760	-	141.3	
VALDOSTA	KC4VLJ	147.075	+	223.0	
VIDALIA	K4HAO	146.625	-		☺
WALESKA/PNLG MT	K4AIS	145.270	-	T100.0	☺
WALESKA/PNLG MTN	K4AIS	147.015	-	T100.0	☺
WARM SPRINGS	KN4FE	146.985	-		
WARNER ROBINS	WA4ORT	146.850	-		☺
WARNER ROBINS	WB4BDP	147.180	+	107.2	☺
WARNER ROBINS	WR4MG	147.300	+	107.2	
WATKINSVILLE	KD4AOZ	147.045	+	T123.0	☺
WAYCROSS	AE4PO	146.640	-	T141.3	☺
WAYCROSS	AE4PO	147.255	+	T141.3	☺
WAYNESBORO	K4BR	145.230	-		
WRENS	KB4NA	146.775	-		
WRIGHTSVILLE	WA4RVB	146.940	-		☺
YOUNG HARRIS	K2YRW	147.090	+		☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	T123.0	☺
ACWORTH/ATL	N4MTA	224.500	-	T123.0	☺
ALPHARETTA	NX9O	224.580	-	100.0	
ALPHARETTA	KC4JNN	224.860	-	T100.0	☺
ATLANTA	W4DOC	224.340	-	T146.2	☺
ATLANTA	KK4C	224.820	-	T77.0	
#ATLANTA-NE	KC4OVY	224.200	-	UNCOR	
ATLANTA/BELL	W4PME	224.620	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120	-	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	224.440	-	T151.4	☺
ATLANTA/MARIETTA	K4RFL	224.960	-	T100.0	☺
AUGUSTA	WB4KXO	224.940	-		
BISKEY MTN	KC4JNN	224.160	-	T100.0	☺
CEDARTOWN	KC4KLW	224.780	-	T179.9	☺
CLAYTON	W4UWH	224.720	-	PROP	☺
CONLEY	N4MNA	224.280	-		☺
#CONYERS	WB4JEH	224.020	-	UNCOR	
DAHLONEGA	N4RBT	224.380	-	T100.0	☺
DALLAS	N4YDX	224.180	-		
DALLAS	N4YEA	224.540	-		☺
DALLAS	W4TIY	224.700	-		☺
DALTON	N4BZJ	224.360	-	T	
DALTON	N4BZJ	224.460	-	T118.8	
DALTON	N4BZJ	224.680	-		
DALTON	N4KVC	224.740	-	T	
DECATUR	W4BOC	224.760	-		
EATONTON	K4SWS	224.100	-	PROP	
FT MT/CHATSWTH	N4YYD	224.240	-	T71.9	
GAINESVILLE	W4TL	224.840	-	T203.5	☺
HAWKINSVILLE	WR4MG	224.820	-	PROP	
JASPER	KC4AQS	224.400	-	T100.0	
JASPER	W4UWH	224.600	-	100.0	☺
JASPER	W4RRG	224.980	-	PROP	☺
LOOKOUT MT	W4RRG	224.560	-	T	☺
LOOKOUT MT.	W4RRG	224.640	-		☺
MARIETTA	KE4QFG	224.260	-	T110.9	☺
MARIETTA	W4LMA	224.900	-		
PINE LOG MTN	K4AIS	224.520	-		☺
RAY CITY	KB0Y	224.220	-	141.3	☺
SNELLVILLE	W4CSX	224.920	-	T100.0	
VALDOSTA	KB0Y	224.460	-	T141.3	☺
VILLA RICA	KB4TIW	224.300	-	T131.8	☺
WALESKA	KD4ALC	224.140	-		
WALESKA/PNLG	K4AIS	224.940	-		☺
WARNER ROBINS	WR4MG	224.840	-		
WATKINSVILLE	KD4AOZ	224.420	-	T123.0	☺
YORKVILLE	WD4LUQ	224.880	-	T77.0	☺
YOUNG HARRIS	NP2Y	224.660	-	PROP	☺

440 MHZ

ACWORTH	KC4YNF	441.800	+	T77.0	
ALBANY	W4MM	444.500	+		☺
ALPHARETTA	WB6RTH	442.000	+	107.2	☺
ATHENS	AA4AI	442.950	+	T179.9	☺
ATHENS	WW4GA	443.300	+	T	☺
ATHENS/CRAWFORD	KC4GZX	444.300	+	T127.3	
ATL/MARIETTA	N4NFP	442.800	+	T	☺
ATL/UNION CITY	W4ZT	442.125	+	T100.0	
ATLANTA	W4CML	442.025	+	T127.3	
ATLANTA	WB5EGI	442.225	+	PROP	☺
ATLANTA	N4XQM	442.525	+	T110.9	☺
ATLANTA	KE4PVE	442.675	+	T100.0	
ATLANTA	WA4YNZ	442.975	+	T	
ATLANTA	W4CML	443.025	+	T127.3	
ATLANTA	KA5WZY	443.600	+	T146.7	
ATLANTA	W4CML	443.650	+	PROP	
ATLANTA	KD4LXT	443.875	+		
ATLANTA	W4DOC	444.450	+	T146.2	☺
ATLANTA	KD4GPI	444.500	+	T110.9	☺
ATLANTA	W4DOC	444.825	+	T146.2	☺
ATLANTA	WA4NNO	444.925	+		
ATLANTA	WA4YNZ	444.975	+	T	
ATLANTA/BELL	W4ZTL	421.250	+		☺
ATLANTA/BELL	W4PME	444.150	+	T100.0	☺
ATLANTA/GLENRI	WR4CW	444.100	+	PROP	☺
ATLANTA/MARIETTA	K4RFL	442.875	+	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800	+	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	444.050	+	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	444.775	+	151.4	☺
AUGUSTA	KD4BOO	444.900	+		☺
BAINBRIDGE	W4DXX	443.000	+	100.0	☺
BALDWIN	WD4NHW	442.350	+		☺
BARNESVILLE	N4GWO	443.675	+		
BISKEY MTN	KC4JNN	443.250	+	T100.0	☺
BLAIRSVILLE	KF4SKT	442.200	+		
BLAIRSVILLE	W6IZT	442.525	+	PROP	
BLUERIDGE	KD4GRU	442.125	+	146.2	
BOGART	W4EEE	443.475	+	T	☺
BONAIRE	K4EDN	444.625	+	T82.5	
BRUNSWICK	KD4CPO	443.425	+		
BRUNSWICK	K4TVE	444.975	+		
BUCHANAN	N4CHC	444.275	+	PROP	
BYRON	KF4XH	443.150	+		
BYRON	WB4SBT	444.700	+	T103.5	☺
CALHOUN	K4WOC	443.675	+	T100.0	
CANTON	WA4EOC	443.075	+	T107.2	
CARROLLTON	W4FWD	444.075	+	T131.8	☺
CARTERSVILLE	K4AIS	443.175	+	T100.0	☺
CEDARTOWN	KD4NTF	443.575	+	T107.2	☺
CHATSWORTH	W4DRC	443.000	+		
CLAYTON	W1CP	442.825	+	T162.2	☺
CLERMONT	W4TL	444.950	+	T131.8	☺
CLEVELAND	K4VJM	442.625	+	T100.0	
COBB COUNTY	WC4RAV	443.450	+	T103.7	
COCHRAN	W4MAZ	442.875	+	T77.0	☺
COCHRAN	N4MXC	444.775	+	PROP	
COCHRAN	W4MAZ	444.975	+	77.0	☺
COLLEGE PARK	KG4PTO	442.350	+	OT	☺
COLUMBUS	WB4ULK	441.975	+	PROP	
COMMERCE	NE4GA	441.975	+	T123.0	☺
CONCORD	WB4GWA	443.400	+	118.8	
CONYERS	WB4JEH	442.550	+	T151.4	
CONYERS	KB2DZA	443.725	+	T77.0	
CONYERS	WB4JEH	444.550	+	T151.4	
CONYERS	KC4ELV	444.750	+	T162.2	☺
CORNELIA	K4JLG	444.275	+	T100.0	☺
COVINGTON	K4GO	443.750	+	T146.2	
COVINGTON	KE4PVE	444.175	+	T100.0	
COVINGTON	WA4ASI	444.800	+	T88.5	
CUMMING	WB4GQX	441.900	+	T141.3	☺
CUMMING	WA4BPY	442.575	+	T79.9	☺
CUMMING	N1IB	443.400	+	PROP	
CUMMING	W4CBA	444.625	+	T123.0	☺
DACULA	KK4IN	443.550	+		
DAHLONEGA	N4KHQ	443.100	+	100	☺
DAHLONEGA	N4BBQ	444.900	+	T100.0	☺
DALLAS	W4CSX	441.925	+	T162.2	
DALLAS	WB4QOJ	443.475	+	PROP	☺
DALLAS	W4TIY	443.700	+		☺
DALLAS	WD4LUQ	444.700	+	T77.0	☺
DALLAS	AG4PR	444.725	+	PROP	☺
DALTON	KC4YVV	441.850	+	PROP	
DALTON	W4LAW	441.875	+	PROP	
DALTON	N4BZJ	442.175	+	T118.8	
DALTON	N4BZJ	444.500	+	T118.8	
DALTON	N4BZJ	444.850	+		
DANIELSVILLE	KE4FHN	442.650	+	T	
DECATUR	N3APR	442.200	+		
DECATUR	KA4UFM	443.950	+	T110.9	☺
DECATUR	W4BOC	444.250	+		
DEVEREUX	KC4YAP	444.575	+	PROP	☺
DOUGLAS	KE4ZRT	443.000	+	T141.3	☺
DOUGLASVILLE	W4SCR	444.575	+	T88.5	☺
DUBLIN	KD4FOC	442.600	+	T77.0	☺
DULUTH	W2SJB	442.400	+	PROP	
EATONTON	K4SWS	442.425	+	PROP	
ELLIJAY	KC4ZGN	442.700	+	T77.0	
EMERSON	AE4JO	443.425	+	T103.5	☺
FAYETTEVILLE	W4PSZ	444.600	+	T77.0	
FLOWERY BRANCH	K4RHJ	443.900	+	T131.8	☺
FOLKSTON	KD4GEY	444.475	+		☺
FT. MT/CHATSWTH	N4YYD	443.350	+	T71.9	
GAINESVILLE	W4CBA	444.350	+	PROP	☺
GRAY	K4MDS	443.625	+		
GRAY	K4DDH	444.275	+	T100.0	
GREENSBORO	N4YXL	444.850	+	PROP	
GRIFFIN	KF4QLF	441.850	+		☺
GRIFFIN	KE4WLP	443.550	+		☺
HAMILTON	WB4ULJ	444.400	+		
HAPEVILLE	KC4ENL	442.825	+	T167.9	
HELEN	K4PE	444.425	+	T127.3	
HIAWASSEE	KC4CBQ	444.675	+	186.2	
HIGH PT/LOOKT MT	KB4VAK	443.450	+	T77.0	
HINESVILLE	KG4OGC	444.850	+	PROP	
HOGANSVILLE	KC4YNY	444.300	+	PROP	
IRWINTON	WB4NFG	444.925	+	T77.0	
JASPER	N3DAB	442.750	+	T141.3	☺
JASPER	KC4AQS	443.375	+	T100.0	
JASPER	KB4MDE	443.425	+		
JASPER	KF4OYP	443.625	+	T100.0	
JASPER	KB4IZF	444.375	+	T103.5	☺
JESUP	N4PJR	444.925	+	T141.3	☺
JONESBORO	WA4DIW	443.225	+		
KENNESAW	WK4E	442.425	+	PROP	☺
KINGSLAND	KC5BMJ	444.625	+	T118.8	☺
KINGSTON	AF4PX	444.125	+	T	
KNOXVILLE	N4PQR	443.525	+	PROP	
LAKEMONT	N4ZRF	444.750	+	T	
LAVONIA	K4NVG	442.475	+	T203.5	☺
LAWRENCEVILLE	WB4HJG	442.850	+	T82.5	☺
LAWRENCEVILLE	KF4RLZ	442.900	+	T123.0	☺
LAWRENCEVILLE	WB4QDX	444.000	+	T127.3	☺
LAWRENCEVILLE	W4CML	444.025	+	T127.3	
LINDALE	KA4ZTY	443.300	+	T127.3	
LITHIA SPRINGS	WB4RL	442.925	+	PROP	
LOOKOUT MT	W4RRG	442.650	+	T100.0	☺
LULA	WB4HJG	444.400	+	T71.9	☺
MABLETON	W4JLG	442.325	+	T	☺
MACON	AF4UL	442.000	+	PROP	
MACON	K4DDH	442.275	+	T100.0	☺
MACON	W4MAZ	442.700	+	PROP	☺
MACON	WX4EMA	443.075	+	T156.7	
MADRAS	K4HAC	442.250	+	T141.3	
MARIETTA	N1KDO	442.050	+	T107.2	☺
MARIETTA	KE4QFG	442.375	+	T	☺
MARIETTA	WA4OKJ	442.600	+	T100.0	
MARIETTA	N4MTA	443.500	+		☺
#MARIETTA	KF4BMG	443.750	+	UNCOR	
MARIETTA	KF4BMG	444.325	+	T79.7	
MARIETTA/ATL	KE4QFG	442.725	+	T	☺
MARLOW	W1MED	442.475	+	T114.8	☺
MCDONOUGH	KE4UAS	444.875	+	T82.5	☺
MCINTYRE	K4YC	443.200	+	T77.0	
MCINTYRE	KF4CXL	444.650	+	T77.0	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

MONROE	KQ4XL	443.925	+	T123.0	
MOULTRIE	W1BPP	444.625	+	T123.0	☺
NEWNAN	K4NRC	441.875	+	T156.7	☺
NORCROSS	K4HUM	442.100	+	T100.0	☺
PEACHTREE CITY	W4PSZ	442.500	+	T77.0	
PEMBROKE	AF4MI	441.800	+	T123.0	
PERRY	WR4MG	444.950	+		
PINE LOG MT	KD4APP	443.200	+	T103.5	
QUITMAN	WA4NKL	444.600	+	T127.3	☺
REX	KB4NPO	443.975	+	PROP	
RINGGOLD	KW4KW	442.300	+	PROP	
RINGGOLD	W4BAB	443.925	+		
ROCKMART	KC4KLW	443.275	+	T179.9	☺
ROME	KA4MLK	441.825	+	T100.0	☺
ROME	KC4KLW	443.525	+	T179.9	☺
ROSSVILLE	W4RRG	442.475	+	T100.0	
ROSWELL	W8BLA	442.075	+	T	
ROSWELL/BELL	W4PME	443.150	+	100.0	☺
SANDY SPRINGS	KE4OKD	441.950	+	T156.7	
SAVANNAH	K4NLX	421.250	+		
SAVANNAH	WA4VHP	427.250	+	T	
SAVANNAH	K4NLX	442.700	+		
#SAVANNAH	WD4AFY	444.000	+	UNCOR	
SMYRNA	N4IBW	444.650	+		
SNELLVILLE	W4CML	442.450	+	T	
SNELLVILLE	N1IP	443.050	+	T	
SNELLVILLE	W4GR	444.525	+	82.5	
ST SIMONS ISLAND	N4XGI	442.950	+	T131.8	☺
STATHAM	WW4T	442.300	+	T	☺
STOCKBRIDGE	KG4PUW	443.125	+	PROP	
STOCKBRIDGE	N4JMD	443.325	+	T	
STONE MTN	KD4HPD	443.825	+	T123.0	☺
SUGAR HILL	N4YF	443.775	+	T82.5	☺
SUMMERVILLE	W4LAW	444.425	+	PROP	
SWEAT MT/MARIETT	N4CLA	444.475	+		
TIFTON	KE4RJI	444.875	+	T	☺
TYRONE/PTC	KN4YZ	444.675	+	T77.0	☺
VALDOSTA	WR4SG	444.350	+	T141.3	☺
VALDOSTA	KF4BJM	444.700	+	T141.3	
VIDALIA	KE4PMP	442.500	+	T88.5	☺
VILLA RICA	KB4TIW	442.775	+	T131.8	
#WALESKA	KD4DXR	441.350	+	UNCOR	
#WALESKA	K4PLM	443.850	+	UNCOR	
WARM SPRINGS	N4UER	442.400	+		
WARNER ROBINS	WR4MG	442.900	+		
WATKINSVILLE	KD4AOZ	444.725	+	T123.0	☺
WAYCROSS	AE4PO	444.025	+	T141.3	☺
WOODSTOCK	KE4SJO	444.225	+		
WRIGHTSVILLE	WA4RVB	443.025	+	T156.7	☺

900 MHZ

ATLANTA	KG4LMT	927.500	-	223.0	
DAHLONEGA	N8EKA	927.525	-	T100.0	☺
HOSCHTON	W4BIW	927.537	-	PROP	
#SAVANNAH	WA4VHP	923.000	-	UNCOR	
VALDOSTA	KB0Y	927.4875	-	T141.3	☺

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-		☺
ATLANTA/MARIETTA	N4NEQ	427.250	+		☺
DALTON ATV	N4BZJ	421.250	+		

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620	-	103.5	☺
INGLE	KA4UHL	29.680	-	T146.2	☺
LOUISVILLE	KK4CZ	29.640	-		

6 METERS

ASHLAND	KC4QK	53.010	-	T107.2	☺
BUCKHORN LAKE	K4XYZ	53.730	-	PROP	☺
DORTON	WR4AMS	53.350	-	PROP	☺
HAZARD	K4TDO	53.850	-		☺
HIGHLAND HEIGHTS	AD4CC	53.330	-	123.0	☺
HIGHLAND HEIGHTS	W4YWH	53.750	-	123.0	☺
LAGRANGE	WB4WSB	53.950	-	PROP	
LAWRENCEBURG	N4EQT	53.130	-	T107.2	

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

LEXINGTON	KE4LGL	53.570	-		
LONDON	KE4ZJT	53.910	-	T100.0	☺
LOUISVILLE	KF4UAQ	53.290	-		
LOUISVILLE	N7BBW	53.430	-	T151.4	☺
LOUISVILLE	WB4LBR	52.025	+		
NANCY	KA4UHL	53.270	-	T100.0	☺
NICHOLASVILLE	N4ALG	53.090	-	103.5	
#STANTON	WD4KNE	53.810	-	UNCOR	
WALTON	KE4SHA	53.850	-	T118.8	
WAYNESBURG	KE4RKF	53.390	-	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070	-	T100.0	☺

2 METERS

ALLEN	K4ICN	147.300	+	T123.0	☺
#ARTEMUS	N4INT	147.390	+	UNCOR	
ASHLAND	KG4DVE	146.940	-		☺
ASHLAND	KC4QK	147.240	+	T107.2	☺
ASHLAND	WA8KWH	147.330	+		
AUBURN	W6ZP	145.450	-	T103.5	☺
BARBOURVILLE	KF4CME	147.135	+	100.0	
BARDSTWN/NELSN	WB4GGH	145.470	-	151.4	☺
BENTON	KC4KAN	145.390	-	T118.8	☺
BEREA	KF4OFT	146.715	-	100.0	
BLACK MTN	KM4M	147.210	+	T103.5	
BOWLING GREEN	K4LOL	147.060	+	156.7	☺
BOWLING GREEN	W4WSM	147.165	+		☺
BOWLING GREEN	KA4CFW	147.330	+		☺
BOWLING GREEN-SO	W4WSM	146.655	-		☺
BROOKS	KY4KY	146.700	-	T151.4	☺
BUCKHORN LAKE	K4XYZ	147.375	+	T103.5	☺
CADIZ	KT4SH	147.195	+	103.5	
CANE VALLEY	WA4UXJ	146.640	-		☺
CORBIN	WD4KWV	146.610	-		☺
COVINGTON	WR8CRA	147.390	+	T123.0	
CRESTWOOD	KY4OC	147.390	+	T151.4	☺
DANVILLE	WD4DZC	146.655	-		☺
DAVID	KC4KZT	145.310	-	T	☺
#DIXON	N4IOX	147.255	+	UNCOR	
DORTON	KC4KZT	146.895	+	T141.3	☺
DRAKESBORO	KF4DKJ	146.820	-	T	
EDGEWOOD	K4CO	147.255	+	PROP	☺
ELIZABETHTOWN	W4BEJ	146.980	-		
ELKTON	AC4RS	145.430	-	PROP	☺
FLEMINGSBURG	KF4BRO	146.955	-	T107.2	☺
FRANKFORT	N4EQT	147.105	+	T107.2	
FRANKFORT	KC4AI	147.240	+	T100.0	
FRANKLIN	KE4SZK	147.135	+	PROP	
GEORGETOWN	KF4NTQ	146.685	-	107.2	
GLASGOW	KY4X	146.940	-		☺
GRAYSON	KD4DZE	146.700	-	107.2	☺
GREENVILLE	WA4TTC	146.745	-		
GRETHEL	KJ4VF	147.045	+	T100.0	☺
GUTHRIE	KA4NNE	146.805	-	100.0	☺
HALLS GAP	W8PRH	145.170	-		☺
HALLS GAP	AG4TY	146.790	-	PROP	☺
HAMLIN	W4GZ	147.240	+	T91.5	
HARLAN	WA4ZAC	147.105	+		
HAWESVILLE	KY4HC	146.715	-	T136.5	
HAZARD	KF4SJO	146.670	-		☺
HAZARD	W8PRH	146.805	-		☺
HENDERSON	W4KVK	145.490	-		
#HENDERSON	K4DPP	146.970	-	UNCOR	
HIGHLAND HEIGHTS	W4YWH	146.790	-	123.0	☺
HIGHLAND HEIGHTS	K4CO	146.895	-	T123.0	☺
HIGHLAND HTS.	K4CO	147.255	+	T123.0	☺
#HODGENVILLE	W4LJM	147.315	+	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710	-		
HOPKINSVILLE	KD4ULE	147.030	+	T103.5	☺
HUEYSVILLE	K4NLT	145.470	-	T79.7	☺
HYDEN	KF4TLT	147.240	+	186.2	☺
IRVINE	W4CMR	146.820	-	192.8	☺
IRVINE	AD4RT	147.015	+		
JACKSON	WA4MXO	145.410	-		☺
#JONATHAN CREEK	N4SEI	146.985	-	UNCOR	
LARUE	WA4FOB	146.670	-	T77.0	
LAWRENCEBURG	N4EQT	145.390	-	T107.2	
LEBANON	WD4JZH	147.345	+	T151.4	
LEBANON JCT.	KD4YGK	147.150	+	79.7	☺
LEESBURG	KC4UPE	145.110	-	T192.8	☺
LEXINGTN/GRGTWN	W8PRH	145.210	-		☺
LEXINGTON	AD4YJ	145.250	-	110.9	
LEXINGTON	WB4CWF	145.490	-		
LEXINGTON	AC4AO	146.730	-		☺
LEXINGTON	K4KJQ	146.760	-		☺
LEXINGTON	WA4HBM	147.165	+		☺
LEXINGTON	KJ4VF	147.195	+		☺
LITCHFIELD	KY4SP	147.225	+	179.9	
LONDON	KE4ZJT	147.180	+	T151.4	☺
LONDON	KC4ZFH	147.285	+	T	
LOUISA	N8QCW	147.390	+	127.3	☺
LOUISVILLE	KG4CCW	145.150	-	141.3	
LOUISVILLE	W8PRH	145.230	-		☺
LOUISVILLE	AC2DC	145.290	-	T151.4	☺
LOUISVILLE	KK4CZ	145.410	-	151.4	
LOUISVILLE	W4PF	146.880	-		
LOUISVILLE	W4PJZ	147.030	+	151.4	☺
#LOUISVILLE	N4MRM	147.070	+	UNCOR	☺
#LOUISVILLE	KA4KMT	147.120	+	UNCOR	
LOUISVILLE	W4CN	147.180	+	88.5	☺
LOUISVILLE	WB4EJK	147.270	+	151.4	
LOUISVILLE	KQ9Z	147.360	+		
LOUISVILLE AREA	N4UL	145.130	-	T151.4	
LYNN GROVE	KA4BLZ	146.895	-	T210.7	
MADISONVILLE	KC4FRA	146.610	-		☺
MARION	KA4FGA	147.285	+		
MAYSVILLE	KF4BRO	145.470	-	T107.2	☺
MIDDLESBORO	KA4WZX	146.775	-		
MILLARD	KD4RTR	146.745	-	T141.3	☺
#MONTECELLO	WB9SHH	146.395	+	UNCOR	☺
MONTICELLO	KY4JW	145.150	-	100.0	☺
MOREHEAD	KJ4VF	145.130	-	T100.0	☺
MOREHEAD	K4GFY	146.910	-	T123.0	
MT. STERLING	W4JTL	147.330	+	T103.5	
MURRAY	K4MSU	146.940	-	T91.5	☺
#NEBO	AA4NI	146.730	-	UNCOR	
OWENSBORO	N4WJS	146.685	-	110.9	☺
OWENSBORO	AD4MU	146.865	-		
OWENSBORO	K4HY	147.210	+	110.9	☺
OWINGSVILLE	N4TLP	147.075	+		
PADUCAH	K4CUW	146.655	-	T	
PADUCAH	K4CUW	146.760	-		
PADUCAH	W4NJA	147.060	+	103.5	☺
PADUCAH	KD4DVI	147.120	+	T179.9	☺
PAINTSVILLE	N4KJU	145.270	-	T127.3	☺
PARIS	KE4OOS	147.045	+	PROP	
PAYNEVILLE	K4ULW	146.625	-	T151.4	☺
PHELPS	N4MWA	147.090	+	PROP	☺
PIKEVILLE	AD4BI	145.150	-	107.2	
PIKEVILLE	KM4IV	146.850	-		
PRESTONSBURG	WB4UBY	147.165	+		
PRINCETON	W4KBL	145.230	-	103.5	
PRINCETON	W4KBL	146.670	-		
#PROVIDENCE	N4IUI	147.330	+	UNCOR	
RADCLIFF	AI4HB	145.350	-	173.8	
RADCLIFF	W4BEJ	146.925	-		
RICHMOND	KE4YVD	145.370	-	T192.8	☺
RICHMOND	KG4AEU	146.865	-	192.8	
ROCKPORT	KD4BOH	145.270	-	77.0	☺
SALEM	KC4VXR	147.315	+		
SALVISA	KF4AWA	146.835	-	T192.8	☺
SALYERSVILLE	KB4SQI	145.190	-	T127.3	
SANDY HOOK	KF4WMM	147.135	+	T107.2	☺
SHELBYVILLE	KE4LR	147.000	+		☺
SO. PORTSMOUTH	KC8FKP	145.390	-	136.5	
SOMERSET	KA4UHL	146.880	-	77.0	☺
SPRINGFIELD	WA4SJH	147.300	+		
ST. CHARLES	KE4AIE	147.270	+		☺
STANTON	N4VOS	145.290	-		
STANTON	W8PRH	146.970	-		☺
TOMPKINSVILLE	KJ4OG	146.775	-		☺
VANCEBURG	AE4SK	146.775	-		☺
VERSAILLES	KF4INN	145.330	-		
WADDY	KS4TO	146.910	-	T107.2	
WEST LIBERTY	KG4GQC	145.230	-	107.2	
WILLIAMSBURG	KG4M	147.000	+		
WINCHESTER	KF4CBT	145.430	-	PROP	
WINCHESTER	WB4ASZ	147.120	+		☺
WINCHESTER	KJ4VF	147.195	+	PROP	☺

220 MHZ

ASHLAND	KC4QK	223.940	-		☺
BUCKHORN LAKE	K4XYZ	224.460	-	PROP	☺
DORTON	WR4AMS	224.520	-		☺
GARRETT	K4NLT	224.260	-	PROP	☺
HAZARD	WR4AMS	224.820	-		☺
HOPKINSVILLE	WD9HIK	224.780	-	PROP	
IRVINE	AD4RT	224.940	-		
LANCASTER	KD4RXF	224.560	-		
LAWRENCEBURG	N4EQT	224.900	-	T107.2	
LEXINGTON	AC4AO	224.420	-		☺
LONDON	WR4AMS	224.980	-		☺
LOUISVILLE	KA4MKT	224.300	-		
LYNCH	K4TDO	224.320	-		☺
META	WR4AMS	224.380	-	PROP	☺
MIDDLESBORO	WM4MD	224.120	-	T82.5	
MOREHEAD	KJ4VF	224.760	-	PROP	☺
NANCY	KA4UHL	224.100	-	T100.0	☺
PIKEVILLE	WB4F	224.580	-		☺
PIKEVILLE	KD4DAR	224.620	-		☺
PRESTONSBURG	WR4AMS	224.720	-		☺
SOMERSET	N4AI	224.300	-		☺
SOMERSET	N4AI	224.880	-		☺
STANVILLE	KJ4VF	224.680	-	T100.0	☺
VERSAILLES	AD4CR	224.220	-		

440 MHZ

ALLEN	N4IWZ	444.775	+	T123.0	☺
#ASHLAND	KC8ERN	444.750	+	UNCOR	
ASHLAND	KC4QK	444.975	+	T107.2	☺
BARDSTOWN	KT4GB	443.000	+		☺
BEATTYVILLE	KC4UPE	444.825	+	T192.8	☺
BEAVERLICK	KC4COV	443.475	+	T131.8	
BOWLING GREEN	W4HTB	426.250	+		☺
BOWLING GREEN	W4WSM	444.100	+		☺
BOWLING GREEN	WB4JM	444.700	+	T136.5	☺
BROOKS	KY4KY	443.700	+	151.4	☺
BRUSHY FORK	KF4WMM	444.600	+	88.5	☺
BUCKHORN LAKE	K4XYZ	443.400	+	103.5	☺
BURLINGTON	KD4EVB	443.525	+	T107.2	☺
CANE VALLEY	W4LJM	443.950	+	T	☺

KENTUCKY REPEATERS CONTINUE

CORBIN	KF4IFC	444.275	+	79.7	☺
CORBIN	WB4IVB	444.900	+	T100.0	
COVINGTON	KC4COV	444.175	+	T131.8	
COX'S CREEK	AE4NU	443.450	+	T151.4	☺
DAVID	KC4KZT	443.900	+	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275	+		
DORTON	KD4RTR	442.150	+	167.9	☺
DORTON	KJ4VF	443.250	+		☺
DRY RIDGE	KD4EVB	444.425	+	T107.2	☺
EARLINGTON	KG4WCQ	443.950	+	PROP	
EDGEWOOD	K4CO	444.350	+	PROP	☺
ELIZABETHTOWN	W4BEJ	421.250	+		
ELIZABETHTOWN	W4BEJ	444.800	+		
ELKHORN CITY	KD4RTR	444.300	+	167.9	☺
FALMOUTH	KD4EVB	443.825	+	T107.2	☺
FLATWOODS	KZ4G	443.450	+	PROP	☺
FLORENCE	KC4COV	443.175	+	T131.8	
FORT WRIGHT	KY4JD	441.850	+	T	☺
FORT WRIGHT	KY4JD	442.525	+	T123.0	☺
FOSTER	KU4ML	443.125	+		
FRANKFORT	K4NGQ	442.175	+	T67.0	
FRANKFORT	WA4CMO	443.325	+		
FRANKLIN	KD4TAH	443.225	+		
GARRETT	KF4JJD	442.400	+	79.7	☺
GEORGETOWN	KF4NTQ	443.625	+		
GLASGOW	KY4X	444.925	+		☺
GLASGOW/CVCTY	KF4DC	444.250	+		
GRAEFENBURG	N4HZX	443.550	+		
GRETHEL	KJ4VF	444.525	+		☺
HARLAN	W4YMT	442.625	+	T100.0	
HAWESVILLE	KB4QFL	444.625	+		
HAZARD	K4TDO	443.975	+	103.5	
HENDERSON	KY4K	444.725	+	T82.5	
HIGHLAND HEIGHTS	W4YWH	444.900	+	123.0	☺
HOPKINSVILLE	KE4AIF	444.750	+	T103.5	
HORSECAVE	KF4QZN	444.850	+	PROP	
HUDSON	KY4SP	444.900	+	179.9	
INDEPENDENCE	KB8SBN	444.075	+	T110.9	
IRVINE	W4CMR	442.900	+		☺
IRVINE	AD4RT	444.000	+		
LATONIA	AA4XV	442.400	+	T	
LAWRENCEBURG	N4EQT	443.925	+	T107.2	
LEWISPORT	K4DC	444.550	+		☺
#LEXINGTON	KY4ATV	923.250	-	UNCOR	☺
LEXINGTON	KE4OOL	443.025	+	T123.0	
LEXINGTON	KB8QLC	444.125	+	88.5	
LEXINGTON	KC4DUU	444.550	+		☺
LEXINGTON	KE4ISR	444.725	+	T	
LEXINGTON	N4DUE	444.950	+		☺
LOUISVILLE	N4ORL	442.000	+		
LOUISVILLE	KB4RYM	442.500	+		
LOUISVILLE	WD4ELX	442.550	+		☺
LOUISVILLE	KB4YJ	442.725	+	151.4	
LOUISVILLE	WD9EQC	443.500	+		
LOUISVILLE	N4KWT	443.975	+	100.0	
LOUISVILLE	N4UL	444.100	+	173.8	
LOUISVILLE	KG4JNM	444.300	+	156.7	
LOUISVILLE	N4NMC	444.600	+	T151.4	
LOUISVILLE AREA	N4RBL	442.100	+	T	
LOUISVILLE AREA	KD4CLR	442.450	+	T151.4	
LOUISVILLE SW	K4ULW	443.350	+		☺
MADISONVILLE	KC4FIE	442.425	+		☺
MADISONVILLE	AE4LW	442.575	+	T100.0	☺
MADISONVILLE	KC4FIE	442.775	+		☺
MADISONVILLE	KC4FIE	444.600	+		☺
MAMMOTH CAVE	KF4QZN	444.475	+	T179.9	
MANCHESTER	KD4GMH	444.500	+	PROP	
MARION	KR4PF	444.200	+	T100.0	☺
MAYSVILLE	KF4BRO	443.500	+	T123.0	☺
META	WB4UBY	443.500	+		
MIDDLESBORO	WM4MD	442.325	+	T67.0	
MIDDLESBORO	KD4PBC	443.150	+	PROP	
MIDDLESBORO	WB4IVB	444.150	+	T100.0	
MILLARD	KD4RTR	443.425	+		☺
MONTICELLO	WB9SHH	444.750	+		☺
MOREHEAD	K4GFY	442.500	+	T	
MOREHEAD	KJ4VF	443.250	+	PROP	☺
MORGANTOWN	KF4QZN	444.425	+	T179.9	
MT STERLING	KD4ADJ	442.600	+		☺
MT. STERLING	KD4ADJ	442.050	+	PROP	☺
MURRAY	K4MSU	443.800	+	T91.5	☺
NANCY	KA4UHL	443.600	+	T100.0	☺
NEBO	AA4NI	444.850	+		
NICHOLASVILLE	KC4UPE	444.775	+	T167.9	☺
NICHOLASVILLE	WB4CWF	444.975	+		
OLIVE HILL	KO4LI	444.925	+		
OWENSBORO	N4WJS	443.100	+	T110.9	☺
OWENSBORO	N4WJS	443.650	+	110.9	☺
PADUCAH	KD4DVI	443.000	+	179.9	☺
PADUCAH	K9OWU	444.000	+	PROP	
PAINTSVILLE	N4KJU	441.525	+	127.3	☺
PHELPS	N4MVY	444.575	+		☺
PIKEVILLE	KD4RTR	444.200	+		☺
PIKEVILLE	KD4DAR	444.375	+		☺
PIKEVILLE	AD4BI	444.475	+		
PRESTONSBURG	K4AVY	443.825	+	127.3	☺
RICHMOND	KE4ISW	444.625	+	192.8	☺
RINEYVILLE	KF4RBD	444.225	+	PROP	
ROBINSON CREEK	KC4VYX	444.675	+		
ROCKPORT	KD4BOH	442.675	+	77.0	☺
ROCKPORT	KD4BOH	444.075	+	T77.0	☺
RUSSELLVILLE	KE4SZK	442.350	+	136.5	
SALEM	KC4VXR	444.825	+	T100.0	
SALVISA	KF4AWA	444.675	+	T203.5	☺
SALVISA	KC4UPE	444.875	+	T167.9	☺
SALYERSVILLE	KE4NLL	444.050	+	T127.3	
SHELBYVILLE	KE4YRE	442.375	+		
SHEPHERDSVILLE	AC4VV	444.400	+	T	☺
SIMPSONVILLE	KO4OT	444.450	+	T100.0	☺
SPRINGFIELD	W4SJH	444.600	+		☺
STANTON	N4VOS	442.075	+		
UNION	AD4CC	441.800	+	T179.9	☺
VERSAILLES	KF4INN	443.775	+		
WADDY	KS4TO	443.225	+		
WAYNESBURG	AG4TY	442.975	+	PROP	☺
WHITESBURG	KK4WH	443.750	+	PROP	
WILLIAMSBURG	KB4PTJ	444.050	+	100.0	☺
WITHAMSVILLE	KC4COV	444.400	+	T131.8	

900 MHZ

LEXINGTON	KA4MKG	927.725	-	PROP	

MISSISSIPPI

10 METERS

BAY SAINT LOUIS	KB5MPW	29.640	-	T136.5	☺

6 METERS

BAY SAINT LOUIS	KB5MPW	53.650	-	T136.5	☺
ELLISVILLE	N5EKR	53.010	-	T	
JACKSON	W5PFC	53.470	-	PROP	☺
LAUREL	KC5PIA	53.450	-		☺
NETTLETON	AB5MU	53.050	-	192.8	

2 METERS

#ABBEVILLE	WB5VYH	145.470	-	UNCOR	
ABERDEEN	WB5USN	147.270	+	210.7	☺
ACKERMAN	NO5N	147.120	+		
AMORY	KB5DWX	146.940	-	T192.8	
AMORY	KB5DSN	147.090	+		
BAY ST. LOUIS	KB5MPW	146.700	-		☺
BILOXI	KC5IF	146.730	-		
BILOXI	K5TYP	146.790	-		
BOONEVILLE	K5YD	145.190	-	110.9	☺
BOONEVILLE	KI5WI	147.150	+		☺
BUDE	KD5QNC	146.850	-	T103.5	☺
BYHALIA	N4DRL	145.350	-		☺
CHATAWA	WB5GOJ	145.310	-		
CHUNKY	W5PPB	147.390	+	PROP	☺
CHURCH HILL	K5SVC	146.745	-	PROP	☺
CLEVELAND	KD5YTB	146.775	-	T107.2	
CLEVELAND	N5LRL	147.285	+	T107.2	
COLLINS	N5LRQ	146.985	-	T136.5	☺
COLUMBIA	N5LJC	147.285	+	PROP	
COLUMBUS	KC5ULN	146.625	-		☺
COLUMBUS	KC5ULN	147.000	+		☺
CORINTH	WB5CON	146.925	-	T107.2	☺
CORINTH	K5UFH	147.000	-		
CORINTH	K5WHB	147.285	+		☺
ELLISVILLE	W5NRU	145.230	-	T136.5	☺
ELLISVILLE	N5EKR	146.955	-	T	
ELLISVILLE	W5NRU	146.865	+	T136.5	☺
ELLISVILLE	W5NRU	146.895	+	T136.5	☺
FLORENCE	KD5AXY	145.110	-	T	
#FRENCH CAMP	W5BJT	147.225	+	UNCOR	
FULTON	WX5P	145.450	-		☺
GAUTIER	N5OS	146.970	-	T123.0	☺
GLOSTER	KX5E	145.430	-	T136.5	
GREENVILLE	N5PS	147.345	+	PROP	
GREENWOOD	KA5TQY	146.715	-		
GRENADA	W5LV	146.700	-		☺
GULFPORT	KA5VFU	147.375	+		☺
HATTIESBURG	W5CJR	145.190	-	T136.5	☺
HATTIESBURG	K5IJX	145.370	-	136.5	
HATTIESBURG	K5PN	146.775	-	T136.5	☺
HATTIESBURG	KD5MIS	147.315	+	T136.5	
HATTIESBURG	W5CJR	147.360	+		☺
HERNANDO	K5VV	146.910	-		
HERNANDO	KD5VMV	147.225	+	PROP	
ISOLA	KC5OB	146.955	-		
IUKA	WB5MFK	146.850	-		
JACKSON	KB5KGE	145.390	-		
JACKSON	W5AXQ	146.760	-		☺
JACKSON	K5QNE	146.880	-	T100.0	☺
JACKSON	KA5SBK	146.940	-	100.0	☺
JACKSON	W5IQ	147.000	+	T	☺
JACKSON	NC5Y	147.075	+	T	
KILN	K5DMC	145.330	-		
KOSCIUSKO	W5LWC	146.850	-		
LAUREL	W5LAR	146.610	-		☺
LAUREL	WV5D	147.030	-	T	
LAUREL	KC5RC	147.255	+		
LOUISVILLE	KC5QGC	147.360	+		
LUCEDALE	WA5JZL	146.910	-		
MADISON	K5XU	146.640	-		☺
MAGEE	KA5LNY	146.820	-	100.0	
MAGEE	KA5LNY	147.300	+		☺
MCCOMB	KD5QNC	146.940	-	T	☺
MERIDIAN	KC5ZZH	146.655	-		☺
MERIDIAN	W5FQ	146.700	-		☺
MERIDIAN	KI5FW	146.970	-	100.0	☺
MONTICELLO	N5JHK	147.015	+		
MOOREVILLE	WB5NAY	146.640	-		
MORTON	KB5LCL	147.045	+	T141.3	
NATCHEZ	W5KHB	146.685	-	100.0	
NATCHEZ	K5OCM	146.910	-	91.5	
NATCHEZ	K5SVC	147.360	+	100.0	☺
#NEW ALBANY	KC5VZI	145.230	-	UNCOR	
NEW ALBANY	W5UBG	146.670	-		
#NEW ALBANY	KC5VZI	146.745	-	UNCOR	
NEW HEBRON	N5MRS	147.090	+	T	
OCEAN SPRINGS	W5LDD	147.030	+		☺
OXFORD	W5LAF	147.330	+	T107.2	
PASCAGOULA	KE5SJ	146.880	-		
PASCAGOULA	N5PH	146.970	-	T	
PEARL/RANKIN CO	KF5IZ	147.150	+	T88.5	
PELAHATCHIE	W5PPB	147.240	+	T77.0	☺
PHILADELPHIA	N5EPP	147.330	+		
PICAYUNE	KE5LT	145.150	-		☺
PONTOTOC	WB5NAY	147.380	+		
POPLARVILLE	N5LRQ	145.410	-	PROP	
POPLARVILLE	WA5WRE	145.430	-	PROP	
PORT GIBSON	KE5WO	146.625	-		
PURVIS	KB5ZCX	146.670	-		
RAYMOND	W5JWX	145.170	-	T77.0	
RICHTON	N5OCF	147.060	+	T	
SENATOBIA	KB5DMT	146.985	-	T107.2	☺
SHARON	W5PPB	145.450	-	T77.0	☺
SILVER CREEK	W5JVK	147.195	+	T136.5	☺
SOUTHAVEN	N5PYQ	145.370	-	T107.2	
SOUTHAVEN	WA4KOG	145.450	-	T79.9	
STARKVILLE	KD5GVU	146.730	-	210.7	☺
STARKVILLE	KF5C	146.805	-	192.8	
#SUMNER	WB5FXH	147.090	+	UNCOR	
TUPELO	N5VGK	145.490	-		
TUPELO	N5ELS	147.240	+		
UNION	N5SPJ	147.210	+	T100.0	
UTICA	N5ZMZ	145.350	-		
UTICA	KC5TGT	146.730	-	T77.0	☺
UTICA	N5ZMZ	147.345	+		
VANCLEAVE	W5WA	145.110	-	123.0	☺
#VANCLEAVE	KE5TL	147.000	-	UNCOR	
VICKSBURG	WJ5L	145.290	-		
#VICKSBURG	K5IMT	146.805	-	UNCOR	
VICKSBURG	K5ZRO	147.270	+	T100.0	☺
VOSSBURG	KB5UIX	147.135	+	136.5	
WALLS	N5NBG	145.270	-	T162.2	
WATER VALLEY	N5DXM	147.000	-		
#WAYNESBORO	W5SAR	145.210	-	UNCOR	☺
WAYNESBORO	W5SAR	147.105	+		☺
WAYNESBORO	N5DWU	147.315	+		
WEST POINT	KC5LIO	147.180	+		☺
WIGGINS	KB5DZJ	145.270	-	T136.5	☺
WINONA	N5EYM	146.970	-	110.9	

220 MHZ

BYHALIA	N4DRL	224.500	-		☺
VICKSBURG	WB5OWY	224.780	-		
WARSAW	N4DRL	224.880	-		☺

440 MHZ

ABERDEEN	KD5AHI	444.450	+	210.7	☺
AMORY	KB5DSN	444.825	+		
BYHALIA	N4DRL	444.300	+		☺
CLERMONT HARBR	WD5BJT	444.150	+	T77.0	
CLINTON	W5PFR	444.000	+	T100.0	☺
ELLISVILLE	AA5SG	442.200	+	PROP	☺
ELLISVILLE	AA5SG	442.250	+	T136.5	☺
GAUTIER	KA5NOJ	911.250	-		
GAUTIER	KA5NOJ	426.250	+		
GAUTIER	KC5LCW	443.450	+	123.0	☺
GLOSTER	N5ZNS	443.825	+		
GREENVILLE	N5PS	444.675	+	100.0	
GRENADA	AD5IT	444.700	+	T107.2	
HATTIESBURG	K5PN	443.700	+	T136.5	☺
HAZLEHURST	N5ZDF	443.950	+	T100.0	
HEIDELBERG	KC5RC	444.300	+	T100.0	
HICKORY FLAT	W4ZCD	444.725	+	T179.9	
INDIANOLA	AB5DU	444.850	+	136.5	
JACKSON	KB5LCL	444.450	+	T141.3	
JACKSON	KB5CO	444.600	+	T100.0	☺
JACKSON	NC5Y	444.700	+		
JACKSON	KB5CO	444.800	+		
JACKSON, EAST	AA5RZ	443.625	+		
LAUREL	W5NRU	443.650	+	T100.0	☺
MCCOMB	N5HTQ	444.875	+	T100.0	
MERIDIAN	KB5BRZ	444.100	+	131.8	☺
MERIDIAN	W5LRG	444.500	+	107.2	☺
NATCHEZ	N5IAT	443.800	+		
NETTLETON	AB5MU	444.625	+	192.8	
NEW ALBANY	WB5YCR	444.150	+		
NEW HEBRON	N5NNI	444.525	+	T	
O'REILLY	N5PS	444.975	+	T100.0	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

MISSISSIPPI REPEATERS CONTINUE

PEARL	KB5HAV	444.375	+	T88.5	
PETAL	W5CJR	443.350	+	T	☺
PHILADELPHIA	WB5YGI	444.950	+		
PICAYUNE	KE5LT	443.725	+	T179.9	☺
PINOLA	KC5LXF	444.850	+		
PORT GIBSON	KC5CLM	444.575	+	T141.3	☺
RICHTON	N5OCF	444.625	+		
RIDGELAND	N5WDG	443.700	+	T77.0	☺
SATARIA	N5PS	444.775	+	PROP	
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	KD5GVU	444.750	+		☺
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
VOSSBURG	N5LRQ	442.725	+	T167.9	☺
WALLS	N5NBG	444.650	+		
WAYNESBORO	W5SAR	443.500	+		☺
WAYNESBORO	W5SAR	443.550	+		☺
WEST POINT	N5WXD	443.450	+		☺
WIGGINS	KB5DZJ	443.300	+	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640	-	T103.5	☺
NEWPORT	K4GRW	29.660	-	PROP	☺
ROCKY MOUNT	N4JEH	29.660	-		☺
THOMASVILLE	WW4DC	29.680	-	88.5	☺
WILKESBORO	KC4XE	29.620	-		☺
ZEBULON	WB4IUY	29.620	-		☺

6 METERS

AIR BELLOWS GAP	WA4PXV	53.750	-		
ASHEVILLE	WD4BQW	53.270	-	100.0	☺
BOONE	WA4NC	53.790	-	PROP	☺
CHAPEL HILL	W4UNC	53.450	-	T107.2	☺
CLINTON	W4TLP	53.330	-		☺
DURHAM	W4BAD	53.750	-		
EFLAND	WA1YYN	53.410	-	T107.2	☺
#FAYETTEVILLE	W4EBM	53.810	-	UNCOR	☺
GASTONIA	KC4YOT	53.110	-		☺
HENDERSONVILLE	W4FOT	53.130	-	T100.0	☺
KVILLE/HIPOINT	KF4QDS	53.590	-	T103.5	
LUMBERTON	KD4BGD	53.110	-		☺
MONROE	W4ZO	53.370	-	T100.0	
MT MITCHELL	AB4JJ	53.630	-	T100.0	☺
MT. AIRY	N4DAJ	53.970	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
PITTSBORO	KD4JFN	53.230	-	T107.2	☺
RALEIGH	K4ITL	53.030	-		☺
RALEIGH	W4BAD	53.190	-		
REELSBORO	KF4IXW	53.090	-	T162.2	☺
ROBBINSVILLE	KD4YWB	53.710	-	T167.9	
ROCKY MOUNT	N4JEH	53.050	-		☺
SAURATOWN MT	N4QLX	53.210	-		
SOPHIA/RANDLEMAN	WR4BEG	53.350	-		☺
SPRUCE PINE	WA4PXV	53.050	-	T151.4	
TARBORO	K4SER	53.110	-		☺
THOMASVILLE	KE4QOX	53.010	-	T88.5	☺
THOMASVILLE	WW4DC	53.170	-	88.5	☺
WEST JEFFERSON	AB4JJ	53.310	-	T100.0	☺
WEST JEFFERSON	AB4JJ	53.390	-	T100.0	☺
WILLIAMSTON	K4SER	53.310	-		☺
#WILMINGTON	AD4DN	53.430	-	UNCOR	☺
YOUNGSVILLE	KD4MYE	53.370	-	T	☺

2 METERS

#AHOSKIE	WB4YNF	145.130	-	UNCOR	☺
AHOSKIE	WA4ZGQ	146.910	-	T131.8	☺
ALBEMARLE	K4OGB	146.985	-	T100.0	☺
ANDRWS/ROBNSVL	K4AIH	147.045	-	151.4	☺
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	☺
ASHEBORO	K4ITL	145.270	-	T82.5	☺
ASHEVILLE	WB4PLA	146.835	-		☺
ASHVL/MT PISGAH	WA4BVW	146.760	-		☺
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	☺
BAKERSVILLE	W4NGH	145.310	-		☺
BENSON	KD4BJD	146.970	-		☺
BETHEL	KD4EAD	147.375	+	T151.4	☺
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+	T103.5	☺
BREVARD	K4HXZ	147.135	+		☺
BURGAW	K4CTY	146.940	-		☺
BURLINGTON	K4FHB	146.670	-		☺
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	☺
CANTON	W4DJB	146.805	+		☺
CARTHAGE	NC4ML	147.240	+		
CHAPEL HILL	W4UNC	145.230	-	T107.2	☺
CHAPEL HILL	K4ITL	147.135	+	T82.5	☺
CHARLOTTE	W4BFB	145.230	-		☺
CHARLOTTE	W4BFB	145.290	-		☺
CHARLOTTE	WA4AOS	145.350	-		☺
CHARLOTTE	W4BFB	146.940	-		☺
CHARLOTTE	W4CQ	147.060	-		☺
CHARLOTTE	W4CQ	147.270	+		☺
CHERRY MTN	KG4JIA	147.240	+	94.8	☺
CHINA GROVE	N4XO	145.410	-	136.5	
CLAREMONT	WB4SRV	147.225	+	T162.2	
CLAYTON	WB4IUY	147.390	+	T88.5	☺
CLINTON	W4TLP	146.790	-		☺
COINJOCK	WN3X	145.290	-	131.8	
COLUMBIA	KB4TOH	146.835	-	T131.8	☺
CONCORD/KANNAP.	K4CEB	146.655	-		☺
DOBSON	AD4T	146.925	-	T100.0	
DUNN	N4CID	146.700	-		☺
DURHAM	WR4AGC	145.450	-		
DURHAM	K4JPE	146.985	-	T156.7	☺
DURHAM	WD4LDB	147.360	+	136.5	☺
EDEN/REIDSVILLE	KI4CGV	147.030	+	PROP	☺
EDEN/STONEVILLE	WA4QBG	147.390	+		☺
EFLAND	WA1YYN	147.180	+	T156.7	☺
ELIZABETH CITY	KC4QLP	145.250	-	T131.8	
ELIZABETH CITY	WA4VTX	146.655	-	131.8	☺
ELM CITY	K2IMO	145.150	-	T88.5	
EMERALD ISLE	KI4RK	145.330	-	PROP	☺
FARMVILLE	K4ROK	145.270	-	T131.8	☺
FAYETTEVILLE	WA4FLR	147.330	+		
FAYVLLE/CFARS	K4MN	146.910	-	100	☺
FOREST CITY	K4OI	146.670	-	T114.8	
FRANKLIN	NT4K	145.490	-		
FRANKLIN	W4GHZ	147.240	+	T151.4	☺
GASTONIA	WD4LCF	145.450	-	T	
GASTONIA/CRWDR	K4GNC	146.805	-		☺
GASTONIA/SPCR MT	N4GAS	147.120	+		☺
GIBSONVILLE	WB4IKY	145.490	-	T107.2	
GOLDSBORO	KI4RK	145.330	-	100.0	☺
GOLDSBORO	K4CYP	146.850	-	T	☺
GRAHAM	K4GWH	147.375	+	T114.8	☺
GREENSBORO	W4GSO	145.150	-	100.0	☺
GREENSBORO	W4GG	145.250	-	T88.5	☺
GREENSBORO	K4GWH	146.760	-	T156.7	☺
GREENSBORO	W4BUZ	147.210	+		
GREENVILLE	WD4JPQ	145.350	-	T131.8	
GREENVL/ESTN NC	W4GDF	147.090	+		☺
GRIFTON	W4NBR	146.685	-	88.5	☺
HATTERAS ISLAND	K4OBX	145.150	-	T131.8	☺
HAW RIVER	KD4JFN	146.715	-	T107.2	☺
HENDERSONVILLE	WB4YAO	146.640	-	T91.5	☺
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC	WA4KNI	147.255	+		
HICKORY	KF4LUC	145.490	-	T94.8	☺
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	☺
HIGH POINT	NC4AR	145.290	-	T88.5	☺
HIGH POINT	W4UA	147.165	+		☺
HILLSBOROUGH	WR4AGC	147.225	+		
HOLDEN BEACH	W4ZU	146.775	-	T100.0	☺
#HOPE MILLS	W4KMU	146.835	+	UNCOR	
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	W4YSB	147.300	+	T103.5	☺
KANNAPOLIS	N4JEX	147.300	+	T136.5	☺
KILL DEVIL HILLS	W4PCN	145.110	-	T131.8	☺
KINSTON	W4OIX	145.470	-	T88.5	☺
LAURINBURG	KI4RR	146.625	-		☺
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	☺
LEVEL CROSS	K4ITL	147.255	+	T82.5	☺
#LEXINGTON	N4LEX	145.310	-	UNCOR	☺
LEXINGTON	W4PAR	146.910	-	T107.2	☺
LILLINGTON	K4ITL	147.105	+	T82.5	☺
LINCOLNTON	NC4LC	147.015	+	141.3	☺
LOCUST	WA4CHZ	147.390	+	T100.0	
#LUMBERTON	W4LBT	145.150	-	UNCOR	☺
LUMBERTON	W4NHV	147.045	+		☺
LUMBERTON	KD4PBK	147.165	+	T88.5	☺
LUMBERTON	W4PET	147.360	+		☺
MACO	KB4BR	147.060	+	T	☺
MADISON	WA4IXW	147.345	+	T103.5	☺
MARION	WD4PVE	146.985	-	118.8	
MILLERS CREEK	N4GGN	146.715	-	94.8	☺
MONROE/UCARS	NC4UC	145.390	-	T94.8	☺
MORGANTON	KC4QPR	146.745	-	94.8	☺
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	☺
MT MITCHELL	WA4BVW	145.190	-		☺
MT. AIRY	N4VL	145.130	-	T103.5	☺
#MURPHY/STALCUP	N4WCO	146.865	+	UNCOR	☺
N. WILKESBORO	W4HF	145.370	-	T94.8	☺
NASHVILLE	WA4WPD	145.290	-	T107.2	☺
NEW BERN	W4EWN	146.610	-	T100.0	☺
#NEWPORT	K4GRW	145.450	-	UNCOR	☺
NEWTON	K4CCR	147.075	+	T88.5	☺
ORIENTAL	W4SLH	147.210	+	T151.4	☺
PITTSBORO	KD4JFN	147.075	+	T146.2	☺
RAEFORD	KU4W	145.430	-	100.0	☺
RALEIGH	W4RNC	145.130	-	T82.5	☺
RALEIGH	K4GWH	145.190	-	T156.7	☺
RALEIGH	WB4TQD	145.390	-	T82.5	☺
RALEIGH	W4BWC	145.490	-	T82.5	☺
RALEIGH	WB4TOP	146.610	-	T131.8	☺
RALEIGH	W4DW	146.640	-		☺
RALEIGH	W4BWC	146.730	-	T82.5	☺
#RALEIGH	KD4RAA	146.775	-	UNCOR	☺
RALEIGH	WB4TQD	146.880	-		☺
RALEIGH	W4BAD	147.015	+	T88.5	
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH/BENSON	AK4H	147.270	+		☺
#RED SPRINGS	W4MZP	147.300	+	UNCOR	☺
REIDSVILLE	N4IV	146.850	-	T103.5	☺
ROANOKE RAPIDS	N4WFU	146.745	-	T131.8	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROANOKE RAPIDS	K4ITL	147.150	+	T82.5	☺
ROBBINSVILLE	N4GSM	145.110	-	T151.4	☺
ROCKINGHAM	K4RNC	146.955	-		☺
ROCKY MOUNT	W4DCG	146.805	-	T118.8	☺
ROCKY MOUNT	WN4Z	147.120	+	T131.8	☺
ROLESVILLE	KF4HFQ	147.315	+	T88.5	
ROSEBORO	K4ITL	145.310	-		☺
SALISBURY	W4EXU	146.730	-	T94.8	☺
SALISBURY	KG4WAD	146.775	-	T94.8	☺
SAURATOWN MT	W4NC	145.470	-	T100.0	☺
SAURATOWN MT	KG4ASL	146.790	-	T107.2	☺
SAURATOWN MT	K4MPJ	147.315	+	T100.0	☺
SHALLOTTE	K4PPD	145.370	-	118.8	☺
SHALLOTTE	K4PPD	147.315	+	T118.8	☺
#SHALLOTTE	K4PPD	147.390	+	UNCOR	☺
SHELBY	W4NYR	146.880	-		☺
SHELBY	W4NYR	147.345	+		
SPARTA/GREEN MT	K4QFQ	145.430	-		☺
#SPRUCE PINE	KF4GUZ	146.895	+	UNCOR	☺
STAR/BISCOE	KI4DH	147.090	+	100.0	☺
STATESVILLE	W4SNC	146.685	-		☺
SURF CITY	W4TSI	146.640	-	PROP	
SWANSBORO	KB2XI	146.760	-		☺
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	KF4QDS	146.610	-	T123.0	
THOMASVILLE	KB4BPV	146.835	+	T88.5	
THOMASVILLE	WW4DC	147.000	+	T88.5	☺
TRENTON	WB4TQD	145.210	-		☺
TRYON	KF4JVI	145.330	-		☺
TRYON	W4RCW	147.285	+		☺
WADESBORO	W4USH	146.835	-		
WANCHESE	W4ACY	146.940	-	T131.8	☺
WASHINGTON	WA4TEP	147.345	+		☺
WAXHAW	WA4ZRS	146.865	+	T94.8	☺
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	N4DTR	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		☺
WILKESBORO	WB4PZA	146.820	-	94.8	☺
WILLIAMSTON	K4SER	145.410	-	T131.8	☺
WILMINGTON	N4JDW	145.170	-	T88.5	
WILMINGTON	AD4DN	146.670	-	T88.5	☺
WILMINGTON	N4ILM	146.730	-		☺
WILMINGTON	K4GMP	146.820	-	T88.5	☺
WILMINGTON	N2QEW	146.895	-	PROP	
WILMINGTON	WA4US	147.135	+	T67.0	☺
WILMINGTON	AC4RC	147.180	+	T88.5	☺
WILSON	WB4THL	146.760	-	131.8	
WINSTON-SALEM	W4NC	146.640	-	T100.0	☺
YADKINVILLE	N4YSB	147.015	-		☺
YOUNGSVILLE	KD4MYE	145.110	-	88.5	☺

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-		☺
ASHEVILLE	KD4CJG	224.520	-	T91.5	
ASHEVILLE	WB4PLA	224.600	-		☺
ASHVL/MT PISGAH	WA4BVW	224.260	-		☺
BANNER ELK	WA4NC	224.840	-	PROP	☺
BARIUM SPRINGS	WA4WRS	224.300	-		☺
BIG KNB/MARS HIL	KE4RQL	224.660	-	100.0	☺
#BIG PHOENIX MTN	KC4KUL	224.600	-	UNCOR	
BURNSVILLE	KD4WAR	224.740	-		
CANTON	N4DWU	224.820	-		☺
CARY	W4JYV	224.880	-	T88.5	
CHAPEL HILL	K4ITL	224.120	-	PROP	☺
CHARLOTTE	W4BFB	224.400	-		☺
CHERRY MTN	KG4JIA	224.640	-	PROP	☺
CHERRYVILLE	KC4ZTJ	224.960	-		
CLEMMONS	WB9SZL	224.700	-	T100.0	☺
DUNCAN	KM4TC	224.700	-	T88.5	
EDEN	N4IV	224.780	-	T103.5	☺
EFLAND	WA1YYN	224.660	-	T107.2	☺
GASTONIA	KC4IRA	224.620	-	T127.3	
GREENSBORO	WB4GUG	224.440	-	T107.2	
GREENSBORO	N4QVI	224.960	-		
GRIFTON	WA4DAN	224.840	-		☺
GRIMESLAND	WB4PAC	224.360	-		
HAW RIVER	KD4JFN	224.620	-	T107.2	☺
HENDERSONVILLE	N4UQS	224.960	-		
HENDSVL/BERWLW	WA4KNI	224.240	-		
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
JEFERSON	WD4JWO	224.220	-	PROP	
KERNERSVILLE	KF4IXK	224.820	-	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240	-	T107.2	☺
LENOIR/HIBRITN	KN4K	224.160	-		☺
LOCUST	KC4FWC	224.480	-		☺
MARSHALL	KF4ZDS	224.360	-		
MT MITCHELL	WA4BVW	224.540	-		☺
PLYMOUTH	KB7BTU	224.760	-	T131.8	
RALEIGH	K4ITL	224.160	-		☺
RALEIGH	W4RNC	224.640	-		☺

N. CAROLINA REPEATERS CONTINUE

ROBBINSVILLE	N4GSM	223.940	-		☺
ROCKY MOUNT	NF4C	224.220	-		☺
ROCKY MOUNT	KR4AA	224.580	-		☺
SALISBURY	W4EXU	224.760	-		☺
SHELBY	W4NYR	224.060	-		
SHELBY	KC4ZTJ	224.460	-		
SOPHIS/RANDLEMAN	WR4BEG	224.140	-	T	☺
THOMASVILLE	WW4DC	224.340	-	T88.5	☺
TRENTON	WA4DAN	224.720	-		☺
WILMINGTON	WA4US	224.200	-	T	☺
WILMINGTON	AD4DN	224.500	-	T88.5	☺
WILMINGTON	WB4KPF	224.680	-		

440 MHZ

#AHOSKIE	WB4YNF	444.200	+	UNCOR	☺
AIR BELLOWS GAP	WA4PXV	443.575	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	
ANDRWS/ROBINSVL	K4AIH	443.650	+		☺
ANDSN MT/DENVER	K4CCR	444.075	+	88.5	☺
APEX	KD4PBS	442.075	+	T114.8	☺
ARCHDALE	KI4ASR	442.775	+	PROP	
ASHEBORO	KE4QAP	444.975	+		
ASHEVILLE	WA4TOG	442.550	+		☺
ASHEVILLE	KD4GEU	442.650	+		
ASHEVILLE	KF4TLA	443.275	+	T103.5	☺
AUBURN	N4ZCM	442.275	+		
BENSON	K4JDR	444.550	+	PROP	☺
#BLADENBORO	KC4FWC	444.725	+	UNCOR	☺
#BLADENBORO	KC4FWC	444.725	+	UNCOR	☺
BOONE/RICH MT	KC4FWC	444.575	+	T77.0	☺
BREVARD	AG4AZ	442.850	+		☺
BRYSON CITY	N0SU	443.400	+	T151.4	☺
BUIES CREEK	NC4BJ	444.275	+	PROP	☺
BURGAW	N4JDW	444.075	+	PROP	
BURLINGTON	K4EG	443.600	+	T123.0	
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4JDR	444.775	+	T100.0	☺
CASTALIA	N4JEH	444.975	+	T107.2	☺
CHAPEL HILL	W4UNC	442.150	+	T131.8	☺
CHAPEL HILL	W4UNC	443.475	+	T131.8	☺
CHARLOTTE	N4IBM	442.650	+	88.5	☺
CHARLOTTE	KD4OWV	443.950	+		
CHARLOTTE	K4KAY	444.350	+	T118.8	☺
CHARLOTTE	W4CQ	444.450	+		☺
CHARLOTTE	W4BFB	444.600	+	T100.0	☺
CHARLOTTE	W4WBT	444.675	+		
CHARLOTTE	W4CQ	444.850	+		☺
CHARLOTTE	WA1WXL	444.950	+	T136.5	☺
CHERRY MTN	KG4JIA	442.500	+	94.8	☺
CHINA GROVE	N4JEX	443.250	+	T136.5	☺
CLAREMONT	WB4SRV	443.775	+	T118.8	
#CLAYTON	K4JDR	444.150	+	UNCOR	☺
COLUMBIA	KB4TOH	443.300	+	131.8	☺
COLUMBUS	K4JLA	442.075	+	T103.5	☺
CONCORD	N2QJI	442.525	+	PROP	☺
CRAB CREEK TWP	KB4PQA	443.125	+		
CROWDER'S MT	KD4FRP	443.675	+		
CULLOWHEE	K4RCC	444.875	+	PROP	
DALLAS CHLT	KC4YOZ	443.850	+	T100.0	
DURHAM	WR4AGC	444.100	+		
DURHAM	W4BAD	444.575	+	T88.5	
DURHAM	KB4WGA	444.925	+	T100.0	☺
EDEN/REIDSVILLE	KI4CGV	443.975	+		☺
EFLAND	WA1YYN	442.050	+	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300	+	131.8	☺
ELM CITY	K2IMO	442.325	+	PROP	
FAYETTEVILLE	K4MN	444.400	+	100HZ	☺
FOREST CITY	AI4M	443.300	+	T114.8	☺
FOUNTAIN	N4HAJ	444.425	+	T88.5	☺
FRANKLIN	N4DTR	444.375	+	T131.8	
GASTONIA	KC4YOT	442.700	+	PROP	☺
GASTONIA	KG4LWG	442.775	+	T123.0	
GASTONIA	NC4GC	444.750	+	T	☺
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	☺
GASTONIA/SPCR MT	N4GAS	444.550	+		☺
GIBSONVILLE	WB4IKY	443.025	+	T107.2	
GIBSONVILLE	WB4IKY	444.350	+	T107.2	
GOLDSBORO	KI4RK	443.000	+	T100.0	☺
GRAHAM	K4GWH	443.725	+	T156.7	☺
GRANTSBORO	KR4LO	444.350	+		
GREENSBORO	KG4BTN	441.975	+	PROP	
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	
GREENSBORO	K4GWH	444.225	+	T146.2	☺
GREENSBORO	KG4BTN	444.475	+	107.2	
GREENSBORO	KF4DWV	444.950	+	T100.0	☺
GREENVILLE	WB4PMQ	444.800	+	T131.8	☺
HATTERAS ISLAND	K4OBX	444.925	+	T131.8	☺
HAW RIVER	KD4JFN	443.775	+	T107.2	☺
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	T100.0	☺
HENDERSONVILLE	WA4TOG	442.450	+		☺
HENDSVL/BERWLW	WA4KNI	444.250	+		
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	☺
HILLSBOROUGH	WA1YYN	443.950	+	PROP	☺
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
HOLLY SPRINGS	KF4AUF	444.325	+	T100.0	☺
HUNTERSVILLE	W8EMX	443.225	+	PROP	☺
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	☺
KERNERSVILLE	KF4DAR	442.975	+	T107.2	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	☺
KINSTON	N4HAJ	442.000	+	PROP	☺
KINSTON	N4HAJ	444.575	+	T88.5	☺
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	☺
LAKE GASTON	KF5TU	442.350	+	T100.HZ	☺
#LAURINBURG	KC4FWC	443.825	+	UNCOR	☺
LENOIR/CAJAH MT	N4EUX	443.525	+		☺
LEVEL CROSS	K4ITL	442.825	+	T82.5	☺
LEXINGTON	KO0NTZ	442.275	+	T146.2	☺
#LEXINGTON	K4AE	442.425	+	UNCOR	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	W4PAR	444.500	+	T	☺
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LINVILLE	KC4UBR	442.175	+	T136.5	☺
LOCUST	WA4LBT	443.700	+		
LOUISBURG	N4EWS	444.250	+	88.5	
#LOUISBURG	KD4RAA	444.875	+	UNCOR	☺
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	☺
MCLEANSVILLE	WB4GUG	444.125	+	T	
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	W4ZO	444.300	+	T100.0	
MONROE	NC4UC	444.425	+	T94.8	☺
MORAVIAN FALLS	KA2NAX	442.675	+	T88.5	☺
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	☺
MORGANTON	KC4QZL	443.800	+	T	
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	☺
MT MITCHELL	N4DWU	443.600	+	114.8	☺
MT. MITCHELL	AB4JJ	442.225	+	PROP	☺
NASHVILLE	N4JEH	443.700	+	T107.2	☺
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWEL	WT4IX	442.125	+	PROP	☺
NEWPORT	KD4RAA	444.825	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	NO4EL	444.600	+		
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	☺
POLKVILLE	KC4ZTJ	444.975	+		
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T	☺
RALEIGH	W4ATC	442.675	+	100.0	☺
RALEIGH	WA4NNA	443.125	+		☺
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T82.5	☺
RALEIGH	KD4RAA	444.675	+	T100.0	
RALEIGH	K4GWH	444.825	+	T146.2	☺
RALEIGH	W4BAD	444.850	+	T100.0	
REIDSVILLE	K4YEC	444.800	+	T107.2	☺
RES. TRIANGLE PK	WA1YYN	443.425	+	T156.7	☺
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
ROCKY MOUNT	N4JEH	444.700	+	T107.2	☺
ROCKY MOUNT	WN4Z	444.850	+	T131.8	☺
ROLESVILLE	KF4HFQ	444.950	+	T88.5	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	T156.7	☺
SALISBURY	W4HG	443.150	+	T136.5	
SALISBURY	KJ4HF	444.650	+	T88.5	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	☺
SAURATOWN MTN	W1WBT	443.050	+	T136.5	☺
SCOTLAND NECK	WA4TCC	444.075	+	PROP	
SELMA	KI4RK	444.000	+		☺
SHELBY	W4NYR	444.325	+		☺
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		☺
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
#SPRUCE PINE	KF4GUZ	443.925	+	UNCOR	☺
#STANFIELD	KC4FWC	443.200	+	UNCOR	☺
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	T94.8	
SURF CITY	W4TSI	442.950	+	PROP	
TARBORO	N4JEH	444.500	+	T100.0	☺
TARBORO	N4NTO	444.925	+	T118.8	☺
TAYLORSVILLE	W4ERT	441.625	+	T123.0	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	☺
VALDESE	WA4PXV	442.600	+		
WAXHAW	WA4ZRS	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	☺
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILKESBORO	KC4XE	443.550	+	94.8	☺
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	N4JDW	444.050	+	T88.5	
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	N2QEW	444.775	+	PROP	
WILMINGTON	K4GMP	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	☺
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	W4NC	444.275	+		☺
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	☺
YADKINVILLE	KD4KMK	442.025	+	T100.0	☺
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KC4WDI	443.200	+	T88.5	☺
ZIRCONIA	N2QJI	441.900	+	PROP	☺

900 MHZ

BEAR WALLOW	WA4TOG	927.550	-	PROP	☺
CONCORD	N2QJI	927.6625	-	PROP	☺
DURHAM	KB4WGA	927.6125	-	PROP	☺
RALEIGH	W4FAL	927.6625	-	T156.7	☺
WAYNESVILLE	N4DTR	927.6625	-	T131.8	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
CONCORD	N2QJI	1282.525	-	PROP	☺
GASTONIA/CRWDR	AG4EI	1292.820	-		☺
WILMINGTON	AD4DN	1291.410	-	88.5	☺

SOUTH CAROLINA

10 METERS

SUMTER	W4GL	29.660	-		☺

6 METERS

BISHOPVILLE	K4NOC	53.090	-		☺
BLACKSBURG	AB4OE	53.030	-	T123.0	
CHESTER	KF4SXO	53.290	-		
GAFFNEY	KF4BJO	53.470	-	PROP	
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	☺
LEESVILLE	N5CWH	53.270	-	T162.2	☺
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
MYR BCH/AYNOR	K4SHP	53.050	-		
ORANGEBURG	AD4U	53.210	-		☺
SUMTER	W4GL	53.770	-		☺
UNION	K4USC	53.150	-		☺
WALTERBORO	KG4BZN	53.310	-	123.0	☺

2 METERS

AIKEN	KY4S	145.170	-		☺
AIKEN	N4ADM	147.285	+		
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		☺
BAMBERG	WA4DFP	145.330	-		☺
BARNWELL	KK4BQ	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KOJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	☺
CAMDEN	KT4NZ	146.820	-	PROP	
CASSATT	KG4FAN	147.105	+	PROP	
CHARLESTON	WA4USN	145.250	-		☺
CHARLESTON	WA4USN	145.410	-		☺
CHARLESTON	K4ESG	146.760	-	T	☺
CHARLESTON	WA4USN	146.790	-		☺
CHARLESTON	KT4YW	146.835	-		☺
CHARLESTON	N7GZT	146.940	-	T	
CHARLESTON	KE4HHR	147.300	+	T103.5	☺
CHARLESTON	W4ANK	147.345	+	T	☺
CHARLESTON AREA	W4ANK	147.270	+		☺
CHERAW	WD4HEM	145.490	-	T123.0	
CHESTER	W4CHR	145.310	-		☺
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	K4CCC	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N7GZT	145.270	-	T162.2	☺
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	☺
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	W4PDE	146.745	-		☺
EASTOVER	KT4BU	147.075	+	T156.7	
ELLOREE	KC4WIF	146.610	-	T118.8	
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-	167.9	☺
FLORENCE	WD4HEM	147.195	+	123.0	
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		☺
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	WB4BLI	145.470	-	141.3	
GEORGETOWN	KI4CB	147.375	+		☺
GREELEYVILLE	KG4AQH	145.230	-		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

S. CAROLINA REPEATERS CONTINUE

GREENVILLE	W4IQQ	146.940	-	67.0	☺
GREENWOOD	W4JAK	145.130	-		☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺
GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
HOLLY HILL	K4ILT	145.370	-	PROP	☺
#LANCASTER	W4PAX	146.700	-	UNCOR	☺
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	☺
LEESVILLE	N5CWH	146.655	-	T162.2	☺
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		☺
LITTLE MT.	K4AVU	147.210	+		
LITTLE RIVER	KF4VGX	146.865	-		☺
LUCKNOW	WD4HEM	146.925	-	T123.0	
MARION	KD4HTW	147.000	-	T192.8	☺
MONCKS CORNER	WD4NUN	147.150	+	T	
MOUNTAIN REST	KU4OL	147.030	-		
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/AYNOR	K4SHP	147.090	+	PROP	☺
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		☺
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	K4SHP	146.655	-	PROP	☺
MYRTLE BEACH	W4GS	147.120	+		☺
MYRTLE BEACH	KD4TMW	147.240	+	T85.4	☺
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	N4JTH	147.030	+	UNCOR	
ORANGEBURG	KF4ATU	146.805	-	T156.7	☺
ORANGEBURG	N7GZT	146.880	-	T	
ORANGEBURG	KF4ATU	147.090	+	T156.7	☺
PAGELAND	WD4HEM	146.895	-	T123.0	
PAULINE	K4JLA	147.090	+		☺
PICKENS	WT4F	146.700	-	107.2	☺
PICKENS	WB4YXZ	147.000	-	151.4	
PINE RIDGE	KD4BMX	146.955	-	T162.2	☺
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SANTEE	W4DTW	147.225	+	PROP	
SAVANNAH RIVER	W4ZKM	145.450	-	PROP	
SENECA/LONG MT	WA4JRJ	147.270	+		☺
SIMPSONVILLE	WA4UKX	145.250	-	PROP	☺
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SMOAKS	KG4LAP	145.210	-		
SPARTANBURG	K4JLA	147.315	+		☺
ST. GEORGE	K4ILT	147.045	+	103.5	☺
ST. GEORGE	W4DTW	147.225	+		☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	☺
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W1GRE	146.985	-	PROP	
#SUMMERVILLE	W4HNK	147.180	+	UNCOR	☺
SUMTER	K4JR	145.130	-		☺
SUMTER	K4JR	145.430	-	T156.7	☺
SUMTER	W4GL	146.640	-		☺
SUMTER	W4GL	147.015	+	156.7	☺
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.150	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	145.390	-		☺
WALTERBORO	KG4BZN	147.135	+		☺
WHITE HALL	WA4SJS	146.910	-	156.7	☺

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		☺
COLUMBIA	N7GZT	224.160	-		
COLUMBIA	N7GZT	224.640	-		
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		☺
FORT MILL	WZ4SC	224.800	-		☺
GAFFNEY	KG4JIA	224.500	-	T123.0	☺
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LEESVILLE	N5CWH	224.560	-	T162.2	☺
LITTLE MTN	N7GZT	224.520	-		
ORANGEBURG	N7GZT	224.180	-		
ORANGEBURG	KO4BR	224.780	-		☺
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		☺
SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		☺

440 MHZ

ABBEVILLE	KD4HEY	442.750	+	162.2	☺
AIKEN	AC4WW	443.400	+	T107.2	
BISHOPVILLE	K4NOC	444.500	+	123.0	☺
BLUFFTON	WA4MPZ	442.675	+	100.0	☺
CHARLESTON	N4SJW	442.150	+	PROP	☺
CHARLESTON	KF4CDR	442.775	+	T	
CHARLESTON	N4MNH	444.300	+		
CHARLESTON	KD4PBC	444.950	+	103.5	
CHERAW	AG4GW	443.000	+	PROP	
CLEMSON UNIV.	WD4EOG	444.625	+	T156.7	
CLOVER	KC4KPJ	443.725	+	127.3	
COLUMBIA	N7GZT	442.200	+	162.2	
COWPENS	KE4EAN	443.625	+	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925	+	T103.5	
FLORENCE	W4ULH	444.000	+		☺
FORT MILL	WZ4SC	443.475	+		☺
GAFFNEY	KF4BJO	441.875	+	T123.0	
GAFFNEY	AI4M	442.000	+	114.8	☺
GEORGETOWN	KI4CB	444.925	+	T	☺
GREELEYVILLE	KG4AQH	441.525	+	PROP	☺
GREENVILLE	KB4PQA	442.250	+		
GREENWOOD	W4GWD	443.900	+	107.2	☺
GRNVLE/GLASSY	KU4ZS	442.175	+	PROP	
GRNVLE/PARIS MT	W4IQQ	443.350	+		☺
HICKORY TAVERN	AC4RZ	443.450	+	PROP	
HOLLY HILL	K4ILT	444.825	+	PROP	
KNIGHTSVILLE	WA4USN	441.350	+		☺
LAKE MURRAY	N4UHF	444.650	+	T	☺
LAKE WYLIE	W1WBT	444.050	+	T136.5	☺
LANCASTER	KC4AC	444.100	+		
LAURENS	KD4HLH	443.175	+	T146.2	☺
LAURENS	KF4Y	443.775	+	T141.3	
LEESVILLE	N5CWH	443.500	+	162.2	☺
LEXINGTON	N4GUP	421.250	+		
LEXINGTON	KF4GHC	444.200	+	156.7	☺
LIBERTY	N4VDE	443.975	+	PROP	
LITTLE MT	NK4W	442.975	+	T162.2	
MOUNTAIN REST	AE4PZ	442.775	+	T127.3	
MT PLEASANT	W4HNK	443.800	+	123.0	☺
MT. PLEASANT	WA4USN	441.450	+		☺
MYB BCH/BRKSVIL	N4LV	444.525	+		
MYR BCH/CONWAY	W4GS	444.675	+	T85.4	☺
MYR BEACH/AYNOR	K4SHP	444.900	+	123.0	☺
MYRTLE BEACH	K2PJ	444.575	+	85.4	☺
NEWBERRY	WD4CWY	442.425	+	PROP	
NO. CHARLESTON	KT4YW	444.600	+		☺
NORTH AUGUSTA	KE4RAP	444.800	+	PROP	
ORANGEBURG	WM3O	444.975	+		☺
PACOLET	AG4VT	441.900	+	T100.0	☺
PICKENS	WT4F	442.125	+		☺
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	☺
ROCK HILL	KI4D	443.100	+	PROP	
ROCK HILL	KC4KPJ	444.725	+	127.3	☺
SIMPSONVILLE	AA4LB	442.725	+	T100.0	
SIX MILE	WB4TWX	441.875	+	100.0	
SUMMERVILLE	KC4ED	442.300	+	T	☺
SUMTER	WZ4O	421.250	+		
SUMTER	W4GL	444.150	+	123.0	☺
TIMMONSVILLE	WD4HEM	442.050	+	T123.0	
UNION	K4USC	442.100	+		☺
WALTERBORO	KG4BZN	444.550	+	123.0	☺

900 MHZ

PICKENS	KE4PAB	927.5125	-	T100.0	

TENNESSEE

10 METERS

GALLATIN/BNA	W4CAT	29.640	-	T107.2	
GREENEVILLE	WB4NKM	29.640	-		
MEMPHIS	W4ZJM	29.620	-	T*#	
SPRINGFIELD	N8ITF	29.680	-		
TELLICO PLAINS	AJ4D	29.620	-	141.3	☺

6 METERS

CASTALIAN SPRING	KE4SWV	53.930	-	PROP	☺
CHATTANOOGA	K4VCM	53.350	-		☺
CLARKSVILLE	K4ORE	53.410	-	PROP	
COOKEVILLE	WA4UCE	53.190	-	PROP	
DRESDEN	KG4IBW	53.130	-	T107.2	☺
ELIZABETHTON	KN4E	53.890	-	88.5	
GALLATIN	WA4BGK	53.050	-	T114.8	
GEORGETOWN	WD4OAR	53.730	-	PROP	
GREENEVILLE	N4FV	53.010	-	100.0	
GUTHRIE (TN/KY)	KA4ZKL	53.230	-		
KINGSPORT	K4GX	53.430	-	PROP	
KNOX/SEVIERVILLE	KD4CWB	53.990	-	PROP	
#KNOXVILLE	WA4YON	53.250	-	UNCOR	☺
KNOXVILLE	KB4REC	53.470	-	PROP	
KNOXVILLE	N4OQJ	53.550	-	PROP	
KNOXVILLE/RACK	W4BBB	53.770	-	100.0	☺
KNXVL/ENG MT	WB4IOB	53.150	-		☺
LAFOLLETTE	K4BGW	53.170	-	PROP	
LANEVIEW	KE4OVN	53.710	-	T107.2	☺
LEXINGTON	N5YKR	53.150	-	T100.0	
MARYVILLE	KC4PDQ	53.370	-		☺
MEMPHIS	WA4KOG	53.010	-		
MEMPHIS	K4RDK	53.550	-		
MEMPHIS	W4GMM	53.930	-	T107.2	☺
MONTEAGLE MTN	NQ4Y	53.450	-	114.8	☺
MORRISTOWN	KF4FTD	53.030	-	PROP	
MORRISTOWN	KQ4E	53.230	-		
MOUNTAIN CITY	K4DHT	53.330	-	PROP	
MT. JULIET	KB4IDC	53.330	-	PROP	
NASHVILLE	WA4BGK	53.010	-	T114.8	
OAK RIDGE	WD4GYN	53.110	-		
#ROGERSVILLE	K4GX	53.750	-	UNCOR	
SEVIER/PINE MT	K4WYV	53.870	-	PROP	☺
SEVIERVILLE	KD4PBC	53.090	-	PROP	
SPRINGFIELD	N8ITF	53.150	-		
WAVERLY	NO4Q	53.090	-		☺

2 METERS

ALAMO	K4WWV	147.135	+		☺
ANDERSON CTY	KF4BVQ	146.700	-	T100.0	☺
ARNOLD A.F.B.	KC4FV	147.195	+		☺
ATHENS	KG4FZR	145.150	-	T141.3	☺
ATHENS	WA4PNI	145.310	-	T141.3	☺
ATHENS	KG4FZR	147.060	-	PROP	☺
BENTON	K4SIR	145.450	-	T	
BLOUNTVILLE	W4CBX	147.000	+		☺
BOLIVAR	AF4O	147.045	+		☺
BRADEN	WA4KOG	145.490	-		
BRISTOL	W4UD	146.670	-		☺
BRISTOL	WD4CYZ	146.880	-		
BROWNSVILLE	WF4Q	145.430	-	T107.2	☺
BROWNSVILLE	KI4BXI	146.655	-		☺
BRSTL/HOLSTN MT	K4JP	146.760	-		
BRUCETON	WF4Q	145.170	-	T107.2	☺
CARTHAGE	N4OTT	145.190	-		☺
CENTERVILLE	AG4UW	147.090	+	T123.0	
CENTERVILLE	AG4UW	147.255	+	T123.0	
CHATTANOOGA	K4CMY	145.130	-		☺
CHATTANOOGA	W4AM	145.290	-	T118.8	☺
CHATTANOOGA	W4AM	145.390	-		☺
CHATTANOOGA	W4AM	146.610	-		☺
CHATTANOOGA	W4AM	146.790	-		☺
CLARKSVILLE	K4ORE	146.925	-	T110.9	☺
CLARKSVILLE	AC4RS	147.000	+	T167.9	☺
CLARKSVILLE	KF4L	147.390	+	T123.0	☺
CLEVELAND	W4GZX	146.925	-		
CLEVELAND	KD4NEC	147.105	+		☺
CLEVELAND	WD4DES	147.180	+	T118.8	☺
COLLEGEDALE	KA6UHV	147.000	+	T131.8	☺
COLLIERVILLE	WT4E	145.330	-	T107.2	
COLUMBIA	W4GGM	147.120	+	T127.3	☺
COOKEVILLE	KK4TD	145.110	-		☺
COOKEVILLE	WA4UCE	145.430	-		
COOKEVILLE	W4HPL	147.210	+		☺
CORNERSVILLE	WB4VXX	146.625	-	107.2	
CORNERSVILLE	KF4TNP	146.805	-	114.8	☺
CROSS PLAINS	K4BBN	147.345	+		☺
CROSSVILLE	W4EYJ	146.805	-	131.8	☺
#CROSSVILLE	W8EYU	146.865	-	UNCOR	☺
CROSSVILLE	KF4HNV	146.895	-	PROP	
CUMBERLAND CITY	WD4DBJ	145.330	-		
DANDRIDGE	WD4EGD	146.895	-		☺
DAYTON	K4PHT	147.345	+		
DAYTON/RHEA CTY	K4DPD	147.390	+		☺
#DICKSON	KF4CAU	147.375	+	UNCOR	☺
DOVER	KT4WS	145.250	-	100.0	☺
DOVER	N4VIH	145.410	-	T123.0	
DRESDEN	KB4IBW	145.150	-	107.2	
DYERSBURG	W4MV	146.745	-		
ELIZTON/HOLS MT	KF4ZQA	145.290	-	T100.0	☺
ERWIN/PINNACLE	W4NKW	145.250	-	T	☺
ERWIN/UNICOI	KF4BRS	147.165	+		☺
FAYETTEVILLE	W4BV	147.030	+		☺
FRANKLIN	W4XS	145.150	-		
GALLATIN	W4LKZ	147.240	+	T114.8	
GALLATIN	WD4BKY	147.270	+	T114.8	
GALLATIN	W4CAT	147.300	+	T114.8	
GERMANTOWN	W2GLJ	145.210	-		☺
GRAY	WM4T	145.110	-		
GREENBRIER	WQ4E	147.075	+	T107.2	☺
GREENEVILLE	W4WC	145.390	-		☺
GREENEVILLE	K4MFD	145.410	-	T173.8	☺
GREENEVILLE	N4FV	147.060	+	186.2	
GREENFIELD	KE4OVN	145.350	-	107.2	☺
GTLBG/COVE MTN	WA4KJH	146.850	-	T127.3	
HARRIMAN	KA4QYI	146.640	-	T100.0	☺
HARRIMAN	KC4WHL	146.745	-		
HARRIMAN	K4EAJ	147.120	+	T82.5	☺
HENDERSON	K4TC	147.105	+	T	☺
HOLSTON MOUNT	WM4T	146.700	-	T103.5	
HOWENWALD	K4TTC	146.895	-	100.0	☺
HUNTINGDON	KB4YTM	146.835	-		
JACKSON	KF4SC	145.310	-	PROP	☺
JACKSON	WF4Q	146.775	-	T107.2	☺
JACKSON	WF4Q	147.210	+	T107.2	☺
JACKSON	WB0TMC	147.270	+		☺
JAMESTOWN	K4NLP	147.090	+	T100.0	☺
JASPER	KD4XV	145.190	-	T127.3	
JOHNSON CITY	W4ABR	146.790	-		☺
JOHNSON CITY	KE4FH	147.270	+		☺
JONESBOROUGH	WD4OBW	146.925	-		☺
JOYNER	K4EAJ	147.150	+	T82.5	☺
KNGSPT/BAYS MT	W4TRC	146.970	-		☺
KNOXVILLE	WB4GBI	145.170	-		☺
KNOXVILLE	WA4TEM	145.330	-		☺
KNOXVILLE	KB4KIE	145.370	-		
KNOXVILLE	WB4YLC	145.430	-		☺
KNOXVILLE	WB4GBI	145.470	-		☺
KNOXVILLE	WB4GBI	146.625	-	T100.0	☺
KNOXVILLE	KC4ROG	146.910	-	T	
KNOXVILLE	WB4GBI	146.940	-		☺
#KNOXVILLE	KD4CWB	147.000	-	UNCOR	☺
KNOXVILLE	WB4GBI	147.075	+		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

KNOXVILLE	KD4CWB	147.195	+	T100.0	☺
KNOXVILLE/RACK	W4BBB	145.210	-	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300	+	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730	-		☺
LAFAYETTE	KC4ECD	145.310	-	T151.4	☺
LAFOLLETTE	KA4OAK	145.130	-		
LAFOLLETTE	K4BGW	146.670	-		☺
LAFOLLETTE	KA4OAK	147.360	+		
LAVERNE	W4CAT	145.230	-		
LAWRENCEBURG	W4RDM	146.655	-	T	
LEBANON	W4LYR	147.105	+	T100.0	☺
LEXINGTON	WF4Q	147.075	+	T107.2	☺
LIVINGSTON	N2UP	147.045	+		☺
MADISONVILLE	KG4FZR	146.820	-	T141.3	☺
MANCHESTER	W4UOT	146.700	-	T114.8	☺
MARTIN	W4UTM	146.625	-	T107.2	
MARYVILLE/ALCOA	W4OLB	146.655	-		☺
MAYNARDVILLE	KB4KIE	145.230	-		
MCEWEN	NO4Q	147.225	+	114.8	☺
MCMINNVILLE	WD4MWQ	146.970	-		
MCMINVL/SHT MT	WB4LHO	145.490	-		
MEDINA	WT4WA	146.970	-	PROP	
MEMPHIS	KF4ATY	145.130	-	T107.2	
MEMPHIS	N4ER	145.250	-	T146.2	☺
MEMPHIS	K5FE	145.410	-	T107.2	
MEMPHIS	WA4KOG	145.450	-		
MEMPHIS	WB4KQQ	146.640	-		
MEMPHIS	KE4LFZ	146.730	-	T107.2	
MEMPHIS	W4KIB	146.790	-	T107.2	
MEMPHIS	W4BS	146.820	-	T	
MEMPHIS	WA4KOG	146.850	-		
MEMPHIS	WA4KOG	146.880	-		
MEMPHIS	W4ZJM	147.000	-	T*#	
MEMPHIS	W4EM	147.030	+		☺
MEMPHIS	WA4MQQ	147.060	+		
MEMPHIS	W4GMM	147.090	+	T107.2	☺
MEMPHIS	N4WAH	147.120	+	T107.2	
MEMPHIS	WA4KOG	147.180	+		
MEMPHIS	WA4ADT	147.300	+	107.2	
MEMPHIS	W4BS	147.360	+	T107.2	
MONTEAGLE MTN	NQ4Y	145.410	-	T114.8	☺
MONTEREY	W4SRX	145.270	-	PROP	
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	☺
MORRISTOWN	KQ4E	145.450	-		
MORRISTOWN	KQ4E	147.030	+		☺
MORRISTOWN	WB4OAH	147.225	+		
#MORRISTOWN	KQ4E	147.390	+	UNCOR	
MOSCOW	KF4OID	145.110	-	107.2	
MOUNTAIN CITY	KF4RBR	145.470	-	103.5	☺
#MT PLEASANT	KF4GHD	145.450	-	UNCOR	☺
MURFREESBORO	WB4LHO	145.170	-		
NASHVILLE	KC4WPS	145.130	-	T114.8	
NASHVILLE	N4ARK	145.210	-		
NASHVILLE	WR3S	145.370	-		☺
NASHVILLE	N4ARK	145.470	-		☺
NASHVILLE	WA4PCD	146.610	-	T	☺
NASHVILLE	AF4TZ	146.640	-	T114.8	☺
NASHVILLE	AF4TZ	146.670	-	T114.8	☺
NASHVILLE	WA4PCD	146.760	-	T114.8	☺
NASHVILLE	W4SQE	146.790	-	T100.0	☺
NASHVILLE	W4AY	146.850	-	T114.8	☺
NASHVILLE	WA4PCD	146.880	-	T	☺
#NASHVILLE	NT4L	146.955	-	UNCOR	
NASHVILLE	KC4PRD	146.985	-		
NASHVILLE	AF4TZ	147.015	+	T	☺
NASHVILLE	K4AYN	147.045	+		
NASHVILLE	K4ZGA	147.180	+	T114.8	
NASHVILLE	AF4TZ	147.360	+	T	☺
NASHVILLE WEST	WA4PCD	147.150	+	T114.8	☺
NASHVL/FAIRVIEW	N4ARK	145.110	-	151.4	☺
NEWBERN	N4ZKR	145.190	-	T100.0	☺
NOLENSVILLE	WD4JYD	145.350	-	114.8	
OAK RIDGE	W4SKH	146.880	-		☺
OAK RIDGE	W4SKH	146.970	-		☺
OAKFIELD	WA4BJY	147.390	+	T	
OAKLAND	WA4KOG	146.940	-		
ONEIDA	KB4PNG	145.350	-	PROP	
#ONEIDA	KB4PNG	146.820	-	UNCOR	
PARIS	KC4YLL	147.165	+	T114.8	
PARIS	K4KLX	147.360	+		
PETROS/FRZ HD MT	KJ4SI	147.255	+		☺
PIGEON FORGE	KD4CLA	145.270	-	T100.0	
PIKEVILLE	KF4JPT	147.285	+		
PULASKI	WD4RBJ	147.330	+	100.0	☺
PULASKI/MUSIC MT	W4JVO	146.775	-		
PURYEAR	WA4CEX	147.165	+		
RAMER	WB4MMI	146.700	-	T162.2	
RCKWD/MT ROSVLT	KE4RX	147.015	+		☺
#RICHLAND	KF4TNP	147.390	+	UNCOR	☺
RIDGETOP	K4DXC	145.290	-	114.8	☺
RIPLEY	KE4NTL	145.230	-	T100.0	☺
ROGERSVILLE	KD4HZN	147.315	+	T114.8	☺
SALTILLO	KB4JUB	146.715	-		
SALTILLO	KD5YBE	146.835	-	PROP	
SARDIS	AF4OQ	147.195	+	T94.8	
SELMER	WB4MMI	146.805	-	T107.2	
SHELBYVILLE	N4VFB	147.060	+		☺
SHILOH	WF4Q	145.290	-	T107.2	☺
SHORT MTN	W4YXA	146.910	-		☺
SPARTA	N4ARK	147.315	+	T123.0	☺
SPARTA/WHITE	KR4BT	147.165	+	T123.0	☺
TELLICO PLAINS	KE4VQM	147.315	+	T141.3	☺
TRENTON	KN4KP	146.865	-		
UNION CITY	WA4YGM	146.700	-		
UNION CITY	WF4Q	147.015	+	T107.2	☺
WALLAND	KF4ARH	146.685	-	T88.5	☺
WARTBURG	AA4YQ	146.745	-		☺
WATERTOWN	K4EHL	146.730	-	T100.0	☺
WATERTOWN	W4LYR	146.835	-	T100.0	☺
WINCHESTER	W4UOT	146.820	-		☺

220 MHZ

ATHENS	KF4PVQ	224.300	-	T141.3	
BLOUNTVILLE	W4CBX	224.200	-		☺
CHATTANOOGA	K4VCM	224.780	-		☺
CLARKESVILLE	N4PJX	224.420	-	123.0	
CLEVELAND	KK4US	224.320	-		
CLEVELAND	W4RRG	224.920	-		☺
COLLIERVILLE	KB4YGI	224.400	-		
ERWIN	KB8FPK	224.180	-		☺
GALLATIN	W4CAT	223.980	-	107.2	
GALLATIN	KD4VUW	224.700	-		
GATLINBURG	W4UWH	224.620	-		☺
GREENBRIAR	WQ4E	224.800	-		☺
GREENBRIER	WQ4E	224.760	-		☺
GREENEVILLE	K4MFD	224.720	-	T173.8	☺
GREENEVILLE	W4WC	224.900	-	T100.0	☺
GREENEVILLE	WB4NKM	224.940	-		
HERMITAGE	WB4SJV	223.900	-		
JC/BUFFALO MT	KE4FH	224.780	-		☺
JOYNER	KC4WGH	224.840	-	T88.5	☺
KNOX-SEVIERVILLE	KD4CWB	224.860	-	PROP	☺
KNOXVILLE	WB4GBI	224.340	-		☺
KNOXVILLE	N4OQJ	224.380	-	100.0	
KNOXVILLE	N4KFI	224.580	-	T103.5	
KNOXVILLE	K4PCK	224.760	-		☺
KNOXVILLE/RACK	W4BBB	224.500	-	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220	-	T100.0	
LAFOLLETTE	KA4OAK	224.280	-		
LAVERGNE	WR3S	224.360	-		☺
LEWISBURG	KF4TNP	224.100	-		☺
MADISONVILLE	KF4PVQ	224.180	-	T141.3	
MEMPHIS	W4ZJM	223.940	-	T*#	
MEMPHIS	W4BS	224.420	-		
MEMPHIS	WA4KOG	224.780	-		
MORRISTOWN	N4RBB	224.400	-		
MORRISTOWN	KC4RGQ	224.640	-		
MOUNTAIN CITY	K4DHT	224.280	-	T103.5	☺
MURFREESBORO	KD4TZZ	224.600	-	123.0	☺
NASHVILLE	WR3S	224.160	-		
#NASHVILLE	KC4TFQ	224.440	-	UNCOR	
NASHVILLE	WR3S	224.460	-		
NASHVILLE	K4ZGA	224.480	-		
NASHVILLE	WR3S	224.660	-		
NASHVILLE	N4PYI	224.740	-	T100.0	☺
NASHVILLE	KC4PRD	224.840	-		
NASHVILLE	WA4PCD	224.940	-	T	☺
NEWPORT	AC4JF	224.560	-	T100.0	☺
ONEIDA	KB4PNG	224.140	-		
ROGERSVILLE	KD4HZN	224.480	-		☺
S. PITTSBURG	WR3S	224.760	-		
SE NASHVILLE	WR3S	224.960	-		
SEVIERVILLE	N2FUV	224.440	-	T	
SEVIERVILLE	KD4IBW	224.700	-	T100.0	
SEVIERVILLE	KD4IBW	224.800	-		
SHORT MTN.	N4PYI	224.260	-	T114.8	☺
SMITHVILLE	WR3S	223.960	-		☺
SPRINGFIELD	KO4BN	224.220	-		
SPRINGFIELD	N8ITF	224.540	-		
SWEETWATER	WD9JGI	224.900	-	T127.3	

440 MHZ

ALAMO	K4WWV	443.750	+		☺
ALGOOD	N2BR	444.425	+	T88.5	☺
ARLINGTON	N4GMT	442.775	+	107.2	
ATHENS	KF4CFO	442.275	+	PROP	☺
BARTLETT	K4VVM	443.700	+	T107.2	
BARTLETT	WA4PAJ	444.250	+		
BIG SANDY	W4TLB	443.600	+	114.8	☺
BLUFF CITY	KE4CCB	444.500	+	T77.0	
BRICK CHURCH	KF4TNP	443.100	+	T167.9	☺
CASTALIAN SPRING	KE4SWV	442.750	+	T123.0	☺
CENTERVILLE	AG4VW	443.700	+	PROP	
CENTERVILLE	AG4UW	444.700	+	T107.2	
CHAT/MNTLAKE MT	KD4UWA	444.875	+	T156.7	☺
CHAT/WALDEN	AF4ZJ	442.425	+		
CHATT/EAST RIDGE	W4YI	444.900	+	PROP	
CHATT/HIXSON	N4WT	442.900	+		☺
CHATTANOOGA	WJ9J	442.025	+	T	☺
CHATTANOOGA	WJ9J	442.150	+		☺
CHATTANOOGA	KT4OL	443.125	+	PROP	
CHATTANOOGA	KT4OL	443.125	+	PROP	
CHATTANOOGA	WB4LRD	443.550	+		
CHATTANOOGA	KD4HII	443.900	+	T	
CHATTANOOGA	W4AM	444.100	+		☺
CHATTANOOGA	KE4LQY	444.150	+		☺
CHATTANOOGA	KD4HII	444.200	+	T	
CLARKSVILLE	KA1FFO	442.900	+	T110.9	
CLARKSVILLE	KF4L	444.175	+	PROP	
CLARKSVILLE	WA4BZU	444.325	+	T107.2	☺
CLEVELAND	WD4DES	442.250	+	T118.8	☺
CLEVELAND	KD4NED	442.450	+	PROP	☺
CLEVELAND	W4RRG	442.675	+	T100.0	
CLEVELAND	W4GZX	444.275	+		
COLLEGEDALE	KA6UHV	443.575	+	T131.8	☺
COLLIERVILLE	KA7UEC	443.300	+	T107.2	☺
COLLIERVILLE	KA7UEC	443.625	+	T107.2	☺
COLLIERVILLE	WT4E	444.625	+	T107.2	
COLUMBIA	W4RDM	442.725	+		
COLUMBIA	WA4AKM	444.925	+	T107.2	☺
CONCORD	KA4BNI	442.675	+	T107.2	☺
COOKEVILLE	WA4UCE	442.300	+	107.2	
COOKEVILLE	K4DAV	444.500	+	PROP	
COOKEVILLE	KK4TD	444.550	+	T107.2	☺
COOKEVILLE	WA4PPL	444.600	+	T107.2	
CROSSVILLE	WO4U	443.875	+	T88.5	☺
CROSSVILLE	W4EYJ	444.950	+	T118.8	☺
CUMBERLAND FU	KG4HDZ	442.375	+	PROP	☺
DAYTON	KJ4BJ	442.075	+		☺
DEASON	WA4AWI	443.350	+	T107.2	
DECATUR	KE4MBR	442.725	+	PROP	
DOVER	N4VIH	444.925	+		
DRESDEN	KA4BNI	442.150	+	T107.2	☺
ELIZABETHTON	KN4E	442.750	+	88.5	
EVA	AD4QG	443.625	+		
FISHERVILLE	KA4JXT	443.125	+	T	☺
FRANKLIN	N4ULM	443.850	+		
FRANKLIN	WC4EOC	444.025	+	PROP	
FRANKLIN	WA4AKM	444.725	+	T107.2	☺
GALLATIN	WD4BKY	444.000	+		
GALLATIN	WD4BKY	444.350	+	T114.8	
GALLATIN	W4CAT	444.450	+	T107.2	
GALLATIN	WA4AKM	444.775	+	T107.2	☺
GATLBG/COVE MT	WA4KJH	443.300	+	T127.3	
GATLINBURG	KD4PBC	443.150	+	PROP	
GATLINBURG	K4WYV	444.900	+	88.5	☺
GERMANTOWN	W2GLJ	444.175	+		
GOODLETTSVILLE	KC4PRD	443.125	+	107.2	
GRAY	WM4T	442.200	+	T100.0	
GREENBRIER	WQ4E	444.250	+		
GREENEVILLE	W4WC	443.200	+	100.0	☺
GREENEVILLE	K4MFD	444.200	+	T173.8	☺
GREENEVILLE	WB4NKM	444.650	+	T100.0	
GREENEVILLE	K4GX	444.950	+	PROP	
GREENVILLE	N4FV	442.700	+	T	
HARRIMAN	KC4WHL	442.875	+	T136.5	
HENDERSON	KE4PFW	442.275	+		
HENDERSON	KU4RT	442.575	+		
HENDERSON	K4TC	444.750	+	T	☺
HIXSON	KF4VWJ	444.750	+	PROP	
HOHENWALD	K4TTC	442.000	+		☺
HOHENWALD	WB4NNX	444.850	+	T100.0	☺
HORNBEAK	KA4BNI	442.400	+	T107.2	☺
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KA4BNI	442.425	+	T107.2	☺
JACKSON	KE4CES	442.900	+	T114.8	☺
JACKSON	KI4BMD	443.825	+	T114.8	
JACKSON	KI4BMD	443.825	+	PROP	
JACKSON	WB0TMC	444.725	+	T107.2	☺
JAMESTOWN	KC4MJN	443.625	+	T100.0	
JASPER	KD4XV	442.050	+	T127.3	
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	WB4SQC	442.050	+	PROP	☺
JOHNSON CITY	KE4FH	444.100	+		☺
JOHNSON CITY/BUF	WD4ATV	421.250	+		☺
JOYNER	K4EAJ	444.400	+	T82.5	☺
KINGSTON	K4CRS	444.025	+		☺
KNOXVILLE	WB4HAP	442.500	+	T103.5	☺
KNOXVILLE	N4UAG	443.025	+		
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	☺
KNOXVILLE	KD4CWB	443.800	+	T100.0	☺
KNOXVILLE	KD4OBX	443.950	+		
KNOXVILLE	KD4CWB	444.000	+	PROP	☺
KNOXVILLE	KN4QB	444.175	+	T203.5	
KNOXVILLE	W4NCS	444.225	+	100.0	☺
KNOXVILLE	WB4GBI	444.300	+		☺
KNOXVILLE	KB4KSL	444.325	+		
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KD4IBW	444.525	+	T100.0	
KNOXVILLE	KD4TZD	444.925	+		
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	☺
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		☺
LAKE CITY	WD4LUR	442.800	+	T100.0	☺
LANEVIEW	KE4OVN	443.850	+	T107.2	☺
LAVERGNE	WR3S	443.975	+	T	
LEBANON	KW4LS	443.000	+	PROP	
LEBANON	WA4AWI	443.275	+	T107.2	
LEBANON	W4LYR	443.575	+	T100.0	☺
LEBANON	WA4AXH	444.275	+	T	
LENOIR CITY	KB9EBA	442.950	+	PROP	
LEWISBURG	KF4TNP	442.100	+	107.2	☺
LEXINGTON	KA4BNI	442.075	+	T107.2	☺
LEXINGTON	N5YKR	442.925	+	123.0	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

TENNESSEE REPEATERS CONTINUE

LORETTO	KF4OCK	442.875	+	203.5	
MADISONVILLE	W3FCC	443.325	+	T141.3	☺
MARYVILLE	K4BTL	442.000	+		
MARYVILLE	KC4PDQ	444.075	+	100.0	☺
MARYVILLE	KF4VDX	444.700	+	T127.3	
MARYVILLE	KF4VDX	444.775	+	PROP	
MARYVILLE	KE4FGW	444.825	+	T100.0	
MCEWEN	KE4KNZ	443.925	+	T107.2	☺
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MCNAIRY	WF4Q	444.550	+	T107.2	☺
MEDINA	WA4BJY	442.050	+		
MEMPHIS	W4GMM	442.175	+	T107.2	☺
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	
MEMPHIS	KA4JXT	443.100	+	T107.2	☺
MEMPHIS	W4BS	443.200	+	T107.2	
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+	107.2	
MEMPHIS	KA4JXT	444.100	+	T	☺
MEMPHIS	KA4JXT	444.125	+	T107.2	☺
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	WA5KUB	444.775	+	PROP	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+	107.2	
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MONTEAGLE MT.	NQ4Y	441.250	+		☺
#MORRISTOWN	KD4LP	444.800	+	UNCOR	
MORRISTOWN	KQ4E	444.975	+	T	
MOUNTAIN CITY	K4DHT	443.925	+	T103.5	☺
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	T156.7	☺
MT PLEASANT	KG4GCZ	443.175	+	107.2	
MURFREESBORO	KD4TZZ	441.875	+	107.2	☺
NASHVILLE	K1YJ	442.500	+	T107.2	☺
NASHVILLE	KE4PJW	443.450	+	PROP	
NASHVILLE	W1ARN	443.725	+	T107.2	
NASHVILLE	KG4NRC	443.800	+	T123.0	
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	AF4TZ	444.150	+	T107.2	☺
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T114.8	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	☺
NASHVILLE	WA4BGK	444.525	+	T107.2	
NASHVILLE	WA4PCD	444.550	+		☺
NASHVILLE	WA4WCK	444.575	+	T	☺
NASHVILLE	WA4TOA	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	☺
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	☺
NASHVILLE	WA4AKM	444.975	+	T107.2	☺
NEWBERN	N4ZKR	444.475	+	T107.2	☺
NO CITY LISTED	WC4EOC	443.875	+	PROP	
NOLENSVILLE	WA4AXH	443.650	+	T	
NUNNELY	KG4UHH	444.075	+	100.0	
OAKFIELD	WA4BJY	442.200	+	T	
ONEIDA	KT4PN	442.825	+		
PALMER	N4ZKR	444.700	+	T107.2	☺
PARIS	KC4YLL	442.950	+	123.0	
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T156.7	
PROSPECT	WA4AUX	444.600	+	T118.8	
PULASKI	WD4RBJ	442.150	+	118.8	☺
RAMER	WB4MMI	444.900	+	T	
RCKWOOD/OZONE	WJ9J	442.225	+		☺
ROCKWOOD	KA4WJS	443.975	+		
ROGERSVILLE	K4GX	443.350	+	T	
SELMER	KA4BNI	442.800	+	T107.2	☺
SEVIER/PINE MT	K4WYV	441.825	+	PROP	☺
SEVIERVILLE	KD4IBW	443.675	+	T100.0	
SEVIERVILLE	N4CKB	444.725	+	T123.0	☺
SEYMOUR	KF4DYE	443.375	+	PROP	
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		☺
SOUTH PITTSBURG	W4RRG	444.000	+	PROP	
SPARTA	KR4BT	444.375	+	123.0	☺
SPENCER	KA4MHJ	443.775	+	123.0	☺
SPRINGFIELD	N8ITF	442.600	+		
SPRINGFIELD	N8ITF	444.950	+	100.0	
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
SWEETWATER	W3FCC	443.725	+	T	☺
TELLICO PLAINS	K4EZK	442.550	+	141.3	☺
TELLICO PLAINS	W3FCC	443.225	+	PROP	☺
TRI-CITIES	KD4PBC	443.150	+	PROP	
WATERTOWN	W4LYR	444.900	+	T100.0	☺
WAVERLY	NO4Q	442.225	+	110.9	☺
WHITE HOUSE	W4KOC	443.900	+	T107.2	☺
WHITE OAK MT	WD4OAR	442.925	+	100.0	☺
WINCHESTER	W4UOT	443.950	+	T107.2	☺

900 MHZ

KNOX-SEVIERVILLE	KD4CWB	921.500	-	PROP	
LEWISBURG	KF4TNP	920.500	-		☺
MORRISTOWN	KQ4E	920.800	-		
NASHVILLE	K4ZGA	923.250	-		
SWEETWATER	W3FCC	920.900	-	PROP	☺

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-		☺
MEMPHIS	N4HKS	1292.000	-		
NASHVILLE	WA4AKM	1284.400	-		☺
NASHVILLE	K1YJ	1286.000	-	T88.5	☺
NASHVILLE	KD4EEW	439.250	+		
SMITHVILLE	KB4ZOE	1286.500	-		☺

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660	-	T123.0	
NEWPORT NEWS	W4CM	29.600	+		
STERLING PARK	KD4DN	29.680	-		

6 METERS

ALEXANDRIA	W4HFH	53.130	-		
AMELIA	WB3R	53.390	-		
BALD TOP MT	AD4CG	53.910	-		
BEDFORD/THNDR	N4TZE	53.770	-	T173.8	
BEDFRD/THAX MT	N4CH	53.150	-		☺
BLUEFIELD	N8RIG	53.370	-		☺
BULLRUN	K8GP	53.450	-		
CHESTERFIELD	KD4SUU	53.430	-		
DANVILLE(DCC)	WB4GJG	53.130	-	T	
FANCY GAP	WA4CQK	53.290	-	T100.0	☺
GATE CITY	N4WWB	53.210	-		☺
GUM SPRING	KB4MIC	53.070	-	203.5	☺
HAMPTON	WA4OHX	53.890	-		
LEXNGTN/ROCK MT.	KI4ZR	53.010	-		☺
LYNCHBURG	KE4KEH	53.570	-	103.5	☺
MCCLEAN	K6LEW	53.370	-		
NEWPORT NEWS	KT4QW	53.250	-	T100	☺
PEARISBURG	KE4JYN	53.470	-	T107.2	☺
RICE	KE4SFU	53.170	-		☺
ROANOKE	N4CH	53.250	-		☺
ROANOKE/POOR MT	WB8BON	53.090	-		☺
ROCKY MT/FERRUM	WD4KZK	53.270	-	T107.2	
VESTA	KG4KUA	53.430	-	PROP	
WHITE TOP MTN	KB4YFV	53.650	-		

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610	-		
ABINGDON	NM4L	147.345	+	T103.5	☺
ACCOMAC	K4BW	147.255	+	T156.7	☺
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	W4HFH	147.315	+		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-		
AMELIA COURTHSE	KB4YKV	147.180	+		
AMHERST	K4CQ	145.490	-	T136.5	☺
ARLINGTON	WB4MJF	145.150	-		
ARLINGTON	WB4MJF	145.470	-		
ARLINGTON	KF4JPC	146.625	-		
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		
BEDFRD/APL ORCH	WA1ZMS	146.685	-	T100.0	☺
BIG "A" MTN	KD4TC	146.805	+	T103.5	☺
BLACKSBURG	W9KIC	146.715	-		
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	☺
BLUEFIELD	W8MOP	145.490	-		☺
BLUEFIELD/ONEIDA	WZ8E	146.955	-	100.0	☺
BLUEMONT	WA4TSC	147.300	+		
BOYDTON	KD4ZTK	147.240	+		
CARBO	KK4MW	147.075	-		☺
CHARLOTTESVILLE	WA4TFZ	146.760	-	T151.4	☺
CHARLOTTESVILLE	N4RAG	146.895	-	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925	-	T151.4	☺
CHESAPEAKE	W4CAR	146.610	-		☺
CHESAPEAKE	N4SD	146.790	-		
CHESAPEAKE	W4CAR	146.820	-	T162.2	☺
CHESTERFIELD	KD4KWP	145.310	-	PROP	☺
CHESTERFIELD	KA4CBB	147.360	+		☺
CLINCHCO	KB4RFN	147.150	+	T88.5	
#CLINCHCO	WD4CYZ	147.255	+	UNCOR	
COEBURN	AD4OV	145.430	-	103.5	☺
COLONIAL HEIGHTS	KE4EUE	145.390	-	PROP	☺
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AF4CY	145.410	-		
CULPEPER	W4CUL	147.120	+		
DANVILE/WHT OAK	K4AU	146.700	-	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925	-	T88.5	
DUBLIN	W4CBM	146.670	-		☺
DULLES AIRPORT	W4DLS	145.310	-		
EASTVILLE	KC4KMY	147.345	+	T156.7	☺
ELK CRK/IRON MT	N4MGQ	147.240	+	T107.2	☺
ENON	WB4VWR	147.060	+	T107.2	
FAIRFAX	K4KXK	146.790	-		
FANCY GAP	NC4BL	146.970	-	T100.0	☺
FARMVILLE	KE4ZBH	145.330	-		
FARMVILLE	KE4ZBH	146.910	-		
FARMVILLE	N4CFA	146.955	-	T136.5	☺
FINCASTLE	W4WIC	146.640	-		☺
FOREST	AG4AN	146.775	-	PROP	
FRANKLIN	W4LG	147.300	+	T131.8	
FREDERICKSBUR	K4TS	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GARRISONVILLE	N4NW	145.270	-		
GATE CITY	N4WWB	146.820	-	T	☺
GLOUCESTER	W4HZL	145.370	-	T	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		☺
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+		☺
HAMPTON	WA4OHX	145.490	-		
HAMPTON	KG4NJA	146.670	-	173.8	☺
HAMPTON	W4QR	146.730	-		
HAMPTON	KA4VXR	147.225	+	T136.5	☺
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
HIGH KNOB MT	K4QZJ	145.210	-		
JARRATT I-95	K4SVA	146.625	-	T100.0	☺
KILMARNOCK	W4GSF	146.835	-	PROP	☺
KINGS CROSSING	N5GQD	147.150	+		
LEXINGTON	KI4ZR	147.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	147.330	+		☺
LURAY	KE4JSV	147.030	+		
LYNCHBURG	KC4RBA	145.370	-	186.2	☺
LYNCHBURG	W4WWQ	146.610	-	136.5	☺
LYNCHBURG	AB4M	147.015	-	T131.8	☺
LYNCHBURG	KE4VNN	147.165	+	PROP	☺
LYNCHBURG	WA4RTS	147.195	+	T136.5	☺
MANASSAS	W4OVH	146.970	-		
MARION	WB3T	145.270	-	103.5	
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	☺
MCLEAN	W4CIA	147.210	+		
MECHANICSVILLE	W4TTL	146.805	-	PROP	
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	T	
MOUNTAIN LAKE	WZ8E	146.865	+	110.9	☺
MT.LAKE/BALD KNB	K4TUE	146.910	-	107.2	☺
NEWMARKET	W3MMC	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	136.5	☺
NORFOLK	W4VB	145.330	-		☺
NORFOLK	KF8PT	146.700	-	PROP	
NORFOLK	AD4ZK	147.075	+		☺
NORTON	KG4VFO	146.865	-	T103.5	
NORTON/HIGH KNB	K4AXO	147.015	-	T88.5	
PAGECO	KD4DDI	146.670	-		
PATRICK SPRINGS	WG8S	147.120	+	T107.2	☺
PATRICK SPRINGS	NJ1K	147.150	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PEARISBURG	W4NRV	147.375	+	T100.0	☺
PETERSBURG	KE4SCS	146.985	-	PROP	☺
PETERSBURG	K4ARO	147.390	+		☺
PKS KB/PULASKI	N4NRV	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	145.390	-	PROP	☺
PORTSMOUTH	W4POX	146.850	-		☺
#POWHATAN	KC4NSE	147.210	-	UNCOR	☺
QUANTICO	#W4NFR	147.345	+		
RADFORD/RINER	N3ZE	145.150	-		☺
RICHMOND	K4YPE	145.110	-		☺
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		
RICHMOND	W4RAT	146.880	-	PROP	☺
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	☺
ROANOKE	N2EDE	145.210	-	T107.2	☺
ROANOKE	KA4THY	145.450	-	PROP	
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	☺
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	
ROANOKE/POOR MT	W4CA	146.985	-		
ROANOKE/POOR MT	KB4QWO	147.270	+		☺
RUSTBURG	N4UTN	145.290	-	T	
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	WT4RA	147.195	+	T100.0	☺
SOUTH BOSTON	W4HCH	145.350	-		☺
SOUTH BOSTON	KF4AGO	147.060	-		☺
SOUTH HILL	N4ZCM	145.470	-		
SPOTSYLVANIA	K4MQF	146.775	-		
STAUNTON	KD4WWF	146.700	-	T131.8	
STAUNTON	WA4ZBP	146.850	-	T131.8	
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL.KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.700	-		
STUARTS DRAFT	KB4OLM	147.360	+		
SUFFOLK	W4LG	147.000	-	T100.0	
TYSONS CORNER	KF4QQP	146.910	-		
VIENNA	K4HTA	146.685	-		

VIRGINIA REPEATERS CONTINUE

VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
WALKERTON	W4TTL	146.715	-		
WARRENTON	KB3BOI	145.350	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		☺
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-	127.3	☺
WILLIAMSBURG	KB4ZIN	146.760	-		☺
WILLIAMSBURG	KB4ZIN	147.105	+		☺
WINCHESTER	KB3BOI	145.350	-		
WINCHESTER	W4RKC	146.820	-		
WOODBRIDGE	W4IY	147.240	+		
WYTH/WALKER MT	WB3T	146.895	-	T103.5	☺
WYTHEVILLE	WB3T	146.775	-	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060	-		
ARLINGTON	WB4MWF	224.620	-		
BEDFORD	N4PLV	224.840	-		☺
BEDFRD/APL ORCH	WA1ZMS	224.180	-	T100.0	☺
BELL KNOB	WD4KHP	224.440	-		
BERRYVILLE	WD4KHP	224.400	-		
BERRYVILLE	WD4KHP	224.740	-		
BLUEFIELD	N8FWL	224.440	-	T123.0	☺
BLUEFIELD	WA8O	224.920	-		☺
BLUEMTN	KF4VED	224.160	-		
BRUMLEY MTN	K4YW	224.100	-	PROP	
CHARLOTTESVILLE	N4HRV	224.140	-	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760	-		☺
CHESAPEAKE	W4LG	224.980	-	PROP	
DELTAVILLE	AA4HQ	224.900	-		☺
FAIRFAX	WB4YHD	224.100	-		
FANCY GAP	K4DQ	224.880	-	T100.0	
GLOUCESTER	W4GSF	224.620	-		☺
HAMPDEN-SYDNEY	W4JAS	224.200	-		
HAMPTON	WB4PVT	224.540	-	T100.0	☺
HARRISONBURG	N4YET	224.820	-		
HAYMARKET	WD4KHP	224.420	-		
HAYMARKET	WD4KHP	224.720	-		
LAKE GASTON	W4LG	224.600	-		
LEESBURG	N0NW	224.020	-		
LOVETTSVILLE	WB4FUJ	224.460	-		
LURAY	KE4JSV	224.360	-		
LYNCHBURG	AB4M	224.280	-		☺
MANASSAS	W4OVH	224.660	-		
MARTINSVILLE	K4RCA	224.500	-		☺
NORFOLK	KC4JGC	224.740	-	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420	-		
PATRICK SPRINGS	WG8S	224.420	-	T103.5	☺
PEARISBURG	KQ4Q	224.860	-	107.2	☺
PETERSBURG	K4ARO	224.700	-		☺
RIDGEWAY	WS4W	224.380	-	T	
ROANOKE	N4CH	224.100	-		☺
ROANOKE	N2EDE	224.940	-	T107.2	☺
ROANOKE/TINKER	K4YDG	224.900	-		☺
STAUNTON/EL KNOB	KE4CKJ	224.300	-	T131.8	☺
TYSONS CORNER	KM4OI	224.340	-		
TYSONS CORNER	WD4KHP	224.420	-		
WAYNESBORO	KA4RCL	224.680	-	T131.8	
WINCHESTER	N3HXT	224.220	-		
WOODBRIDGE	W4IY	224.780	-		
WYTHEVILLE	K4YW	224.560	-	T77.0	☺

440 MHZ

ABINGDON	KB8KSP	442.975	+	T100.0	☺
ABINGDON	WB3T	444.025	+	T103.5	☺
ACCOMACK	K4BW	444.300	+	T156.7	☺
ALTAVISTA	WA4ISI	444.425	+	100.0	☺
AMELIA	KB4YKV	443.200	+		
ARLINGTON	KD4DSX	448.625	-		
ARLINGTON	W8HNT	449.325	-		
ARLINGTON	WB4MJF	444.150	+		
ARLINGTON	K4AF	444.550	+		
#ASHBURN	KQ4CI	448.825	-	UNCOR	☺
#ASHBURN	KQ4CI	442.100	+	UNCOR	☺
BASSETT	KF4RMT	442.725	+	T107.2	
BEDFORD	N4CH	444.350	+		☺
BEDFRD/APL ORCH	WA1ZMS	442.650	+	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800	+	T100.0	☺
BELL KNOB	WD4KHP	449.825	-		
BERRYVILLE	WB2KPH	447.475	-		
BIG A MTN	KB4WTP	444.875	+		☺
#BLACKSTONE	KC4NSE	446.825	-	UNCOR	
BLUEFIELD	W8MOP	442.450	+		☺
BLUEFIELD	W8MOP	444.450	+		☺
BLUEFIELD	WZ8E	444.625	+		☺
BLUEMONT	WA4TSC	449.925	-		
BLUEMONT	WA4TSC	449.925	-		
BULL RUN MT	WA3KOK	447.775	-		
CHARLOTTESVILLE	KF4UCI	442.075	+	151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250	+	T151.4	☺
#CHARLOTTEVILLE	KF4UCI	444.775	+	UNCOR	☺
CHESAPEAKE	W4CAR	444.000	+	T162.2	☺
CHESTERFIELD	WA3KOK	433.075	+	PROP	
CHESTERFIELD	KA4CBB	442.150	+		☺
CHESTERFIELD	WA3KOK	442.450	+	PROP	
CHRISTIANSBURG	WD4BSB	444.650	+	PROP	☺
COPPER RIDGE	KB4WTP	444.550	+	PROP	☺
COVINGTON	WA4PGI	442.250	+	T100.0	☺
DALE CITY	N8BOR	443.100	+		
DANVILE/WHT OAK	K4AU	444.700	+		☺
DANVILLE	KQ4I	443.850	+		☺
DISMAL PEAK	WB3T	443.325	+	T103.5	☺
ENON	WB4VWR	444.200	+		
FAIRFAX	K4HTA	448.375	-		
FAIRFAX	WD4KHP	449.775	-		
FALLS CHURCH	WB4UNB	447.425	-		
FALLSCHURCH	KF4LWJ	444.300	+		
FANCY GAP	WD4ICX	433.200	+		
FANCY GAP	WB3T	444.050	+	T103.5	☺
FANCY GAP	N4OWU	444.375	+	T107.2	
FANCY GAP	WA4CQK	444.900	+	T100.0	☺
FANCY GAP	KD4FWS	444.925	+	100.0	
FOREST	AG4AN	442.475	+	PROP	
FRANKLIN	KG4BKI	444.825	+	PROP	
FRONT ROYAL	N4MKH	449.225	-		
GASBURG	W4LG	442.000	+		
GATE CITY	N4WWB	444.700	+		☺
GLOUCESTER	N4XND	421.250	+		
GRETNA/SMITH MT	KD4TBC	444.075	+	T123.0	
GUM SPRING	KB4MIC	442.800	+		☺
HAMPTON	KG4NJA	443.650	+	PROP	☺
HAMPTON	WA4OHX	443.750	+	100.0	
HAMPTON	W4QR	444.550	+	T167.9	
HARRISONBURG	N4YET	444.600	+		
HAYMARKET	KT4ER	448.325	-		
HAYMARKET	N3AUY	449.025	-		
HERNDON	N4LXI	443.000	+		
HIGHKNOB	N1TXI	447.725	-		
HILLSVILLE	KB4YFV	442.125	+	T103.5	
HILLSVILLE	KB4GHT	442.325	+	PROP	
INDEPENDENCE	W4RCT	443.375	+	T103.5	☺
#ITENERANT	N4NSP	440.750	+	UNCOR	☺
JONESVILLE	WB4IVB	442.575	+	T100.0	
LEXINGTON	KI4ZR	444.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150	+		☺
LORTON	WD4KHP	449.725	-		
LYNCHBG/JACK MT.	KF4YI	442.400	+	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500	+	T136.5	
LYNCHBURG	K4CQ	420.050	+	136.5	☺
LYNCHBURG	K4CQ	923.250	-		☺
LYNCHBURG	KE4VNN	442.350	+	T136.5	☺
LYNCHBURG	AB4FU	442.950	+	T	☺
LYNCHBURG	KC4RBA	443.450	+	186.2	☺
LYNCHBURG	N4TZE	444.000	+	T103.5	
LYNCHBURG/T.ROW	N4IFC	442.200	+	T103.5	
MADISON	N8HON	444.400	+		
MANASSAS	W4OVH	442.200	+		
MARION	WB3T	443.125	+	T103.5	☺
MARTINSVILLE	KF4RMT	443.825	+	T107.2	
MAX MEADOWS	K4IJ	442.075	+	PROP	☺
NEWPORT	K4TUE	441.950	+	PROP	
NEWPORT NEWS	W4MT	442.900	+	T100.0	☺
NORFOLK	W4VB	442.950	+	131.8	☺
NORFOLK	AD4ZK	444.475	+	T127.3	☺
NORFOLK	WD4MIZ	444.675	+	T107.2	
OILVILLE	KB4MIC	444.800	+		☺
PATRICK SPRINGS	WG8S	443.175	+		☺
PATRICK SPRINGS	KC3FB	443.750	+	T77.0	
PEARISBURG	K4IJ	444.675	+	PROP	☺
PEARISBURG	N4AZJ	444.975	+	T103.5	☺
PETERSBURG	K4ARO	442.600	+		☺
PETERSBURG	WB4KZI	443.825	+		
POPS PEAK	N4JNE	441.700	+	PROP	
PORTSMOUTH	W4POX	443.800	+		☺
POUND	KF4VDF	444.850	+	T103.5	
POWHATAN	KN4YM	443.100	+		
#PRINCE GEORGE	W4RDF	444.275	+	UNCOR	
PULASKI	KE4CIF	442.775	+	T	
QUANTICO	N3QEM	447.975	-		
RICHMND/CHLTVL	N4EHJ	444.650	+		☺
RICHMOND	WA4AYB	441.600	+	PROP	
RICHMOND	KC4VDZ	442.300	+	T114.8	☺
RICHMOND	W4RAT	442.550	+	PROP	☺
RICHMOND	AB4SF	444.850	+	T	☺
ROANOKE	K4IJ	441.775	+	T	☺
ROANOKE	K4ARO	442.600	+	T	☺
ROANOKE	W7CP	442.700	+	T	
ROANOKE	K4IJ	444.275	+	PROP	☺
ROANOKE	WB3T	444.325	+	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750	+	T107.2	
ROANOKE/POOR MT	W4CA	442.500	+		
ROANOKE/POOR MT	KA4IXK	442.850	+		☺
ROANOKE/POOR MTN.	KS4KX	443.675	+	PROP	☺
ROANOKE/POOR MTN.	K4IJ	444.175	+	T103.5	☺
ROANOKE/READ MT	WD4KZK	444.850	+	T107.2	
ROANOKE/TINKER M.	WB8BON	444.925	+		☺
SILER	WA4RS	449.175	-		
SLINGS GAP	WD4KZK	444.775	+	T107.2	
SOUTH BOSTON	KF4AGO	443.925	+		☺
SOUTH BOSTON	W4HCH	444.625	+		☺
SOUTH HILL	KD4MJO	443.525	+	100.0	☺
SPOTSYLVANIA	N2XHZ	447.875	-		
SPOTSYLVANIA	KD4QNA	442.700	+		
SPOTSYLVANIA	K4MQF	442.850	+		
STAFFORD	K4HR	444.450	+		
STAUNTON	WA4ZBP	444.825	+	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100	+	T131.8	☺
STERLING	WA4TXE	442.100	+		
STUARTS DRAFT	KB4OLM	444.050	+		
TYSONS CORNER	KA3RQR	447.025	-		
TYSONS CORNER	KM4FI	443.500	+		
VIENNA	N4KOU	444.850	+		
VIRGINIA BEACH	WA4KXV	444.950	+		
WAYNESBORO	N3XA	426.250	+		
WHITETOP MT	KM4X	443.000	+	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100	+		☺
WILLIS	W4DUM	443.875	+		
WINCHESTER	W4RKC	448.775	-	146.2	☺
WINCHESTER	W4RKC	448.775	-		
WINCHESTER	W3CSG	442.000	+		
WINTERGREEN	K4CQ	444.550	+	T136.5	☺
WOODBRIDGE	W4IY	444.900	+		
WYTHE/WALKER MT	WB3T	442.000	+	T103.5	☺
WYTHEVILLE	W4VSP	442.175	+	T103.5	☺
WYTHEVILLE	WB3T	442.525	+	103.5	☺

900 MHZ

ALEXANDRIA	WA4CCF	919.600	-		
BEDFRD/APL ORCH	WA1ZMS	921.100	-	T100.0	☺
CULPEPER	KA4DCS	919.400	-		
FANCY GAP	N4JNE	927.4875	-	T100.0	
LYNCHBRG/TOB MT	K4CQ	921.000	-	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500	-	107.2	
ROANOKE/POORE MT.	KE4NYV	927.5125	-		☺
TYSONS CORNER	K6LEW	919.500	-		
WOODBRIDGE	KA4DCS	919.800	-		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600	+		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620	-		
BECKLEY	KE4QOX	29.680	-	T88.5	☺
CHARLESTON	WB8CQV	29.640	-	203.5	
RICHWOOD	WA8YWO	29.660	-	T100.0	

6 METERS

BECKLEY	N8FWL	53.170	-	T123.0	☺
BECKLEY	WB8YST	53.590	-	T107.2	☺
BELINGTON	N8SCS	53.650	-	PROP	
CHARLESTON	WB8YST	53.630	-	T107.2	☺
CULLODEN	KC8POU	53.030	-	PROP	
FLATWOODS	N8CQQ	53.110	-	PROP	
GASSAWAY	AB8WB	53.210	-	T123.0	
KENOVA	KC8PFI	53.870	-	PROP	
LEWISBURG	KC8LRN	53.930	-	T131.8	☺
MARMT/CHARLSTN	N8PEI	53.750	-	T141.3	
RICHWOOD	WB8YST	53.710	-	T107.2	☺
RICHWOOD	WA8YWO	53.830	-	T100.0	
SHIRLEY	KB8TJH	53.310	-		
SNOWSHOE	KC8CSE	53.330	-	T156.7	☺

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	T107.2	☺
ANSTED	N8WBR	146.790	-	156.7	☺
BECKLEY	N8FWL	147.360	+	T123.0	☺
BECKLEY/BOLT MT	WV8B	145.170	-	T100.0	
BECKLEY/EOC	WV8BD	145.370	-		☺
BECKLEY/FLAT TOP	WV8BD	146.850	-		☺
BECKLEY/LAYLAND	N8FCJ	145.310	-	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230	-	T100.0	☺
BERKELEY SPRINGS	KK3L	146.745	-		
BIRCH RIVER	N8FMD	145.270	-	T103.5	☺
BRIDGEPORT	WB8DKM	147.120	+	T	☺
BUCKHANNON	N8FHE	145.410	-		☺
BUCKHANNON	N8ZAR	146.850	-		
BUCKHANNON	N8ZAR	147.060	+	123.0	
CAPON MT	N8YIB	147.435	-		
CHARLESTON	W8GK	145.350	-	91.5	☺
CHARLESTON	WB8YST	145.430	-	T107.2	☺
CHARLESTON	WB8CQV	146.820	-	T192.8	
CHARLESTON	W8XF	147.000	-	T91.5	☺
CHARLESTOWN	N8EIV	146.985	-		
CLARKSBURG	N8FMD	146.685	-	T103.5	☺
CLARKSBURG	N8FMD	147.210	+	T103.5	☺
COWEN	KC8ECX	146.835	-	110.9	
DANVILLE	WB8NAM	146.685	-	T	
DAVIS	KE8MR	147.135	+	T103.5	☺
ELKINS	N8FMD	145.230	-	T103.5	☺
ELKINS	KB8BWZ	146.775	-		
FAIRMONT	W8SP	145.350	-	T103.5	
FENWICK	KD8AB	146.940	-		
FLAT TOP/WINTRPL	WV8B	146.625	-	T100.0	
FLATWOODS	N8ZPX	146.655	-	T123.0	
FRANKLIN	W3RUA	147.345	+		☺
FROST	N8RV	145.110	-	107.2	☺
GASSAWAY	WB8MZI	146.610	-		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

WEST VIRGINIA REPEATERS CONTINUE

GASSAWAY	AB8WB	147.240	+	T123.0	
GLENVILLE	N8OYY	145.130	-	103.5	
GLENVILLE	WB8WV	145.290	-	91.5	
GRAFTON	K8VE	146.820	-	T103.5	
GRAFTON	WD8LNB	147.375	+	118.8	☺
HARISVL/PENSBRO	WB8NSL	147.300	+	T107.2	
HARPER'SFERRY	KB3BOI	145.350	-		
HINTON	KC8CNL	147.255	+	100.0	☺
HUNTINGTON	WB8FEQ	145.210	-	162.2	
HUNTINGTON	W8VA	146.760	-	T131.8	☺
HUNTINGTON	N8OLC	146.985	-	131.8	
HUNTINGTON/CHAS	N8HZ	146.640	-		☺
IAEGER	N8SNW	146.655	-	T203.5	
KEYSER	N8RCG	147.390	+	123.0	☺
#LENORE	AI4UK	145.390	-	UNCOR	
LEON	WD8OHX	147.180	+		
LEWISBURG	WB8SPW	146.730	-	T100.0	
LEWISBURG	N4RAG	146.760	-	T131.8	
LEWISBURG	WV8D	147.390	+	T100.0	
LOGAN SOUTH	NV8H	147.195	+	100.0	☺
LOGAN/SUMERCO	KB8QXP	147.345	+	T100.0	☺
LOGAN/WRD RK MT	KC8CPK	146.970	-	T100.0	☺
MADISON	WB8NAM	147.120	+	T	
MARLINTON	N4RAG	147.090	+	131.8	
MARTINSBURG	WA8FSE	145.150	-		
MARTINSBURG	WB8YZV	147.255	+		
MARTINSBURG	K3MAD	147.345	+		
MCMECHEN	N8BQ	146.910	-		☺
MIDDLEBOURNE	WV8TC	147.360	+	T110.9	☺
MOOREFIELD	KD4SZR	145.190	-		
MORGANTOWN	K8LG	145.430	-		
MORGANTOWN	W8CUL	146.760	-		☺
MORGANTOWN	KE8MR	147.075	+	T103.5	☺
MT. ZION	N8LGY	145.450	-	T107.2	☺
MULLENS	KC8IT	147.030	+		
NEW MARTINSVILE	KF8LL	146.985	-		
OAK HILL	KC4AFH	147.075	-	100.0	☺
PARKERSBURG	WV8G	145.490	-		
PARKERSBURG	WC8EC	147.255	+		☺
PARKERSBURG	WD8CYV	147.390	+	T141.3	
PARKERSBURG (OH)	N8NBL	146.970	-		
PARSONS	K8VNQ	145.370	-	T118.8	☺
PHILIPPI	K8VE	145.150	-	103.5	☺
PINEVILLE	W8LG	147.285	+		
PRINCETON	KA8PNC	147.060	-		☺
PRINCETON	WB8NRK	147.225	+	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925	-		
RAVENSWOOD	WD8JNU	146.670	-		☺
RED HOUSE	WV8AR	145.410	-	T123.0	☺
RICHWOOD	WB8YJJ	145.190	-	T	
RICHWOOD	AA8TH	147.015	+	T	
RICHWOOD	KB8YDG	147.150	+	T100.0	☺
ROCKPORT	KC8TLG	147.135	+	T123.0	
SALT ROCK	K8SA	145.110	-	T110.9	
SCOTT DEPOT	WV8AR	147.270	+	123.0	☺
SHADY SPRING	28	146.700	-	PROP	☺
SHIRLEY	KB8TJH	145.310	-	T	
SKYLINE	K7SOB	147.360	+	T127.3	
SO. CHARLESTON	WB8CQV	146.880	-	203.5	
SPENCER	KA8AUW	147.105	+	100.0	☺
SPRUCE KNOB	N8HON	147.285	+		☺
ST.MARYS/BENS RG	WB8ECC	147.030	+		
SUMMERSVILLE	N8YHK	145.470	-	100.0	
TERRA ALTA	KD8ZR	147.000	+	T	
UNION	W8IFL	145.410	-	T100.0	☺
WEBSTER SPRINGS	K8VE	146.955	-	T123.0	
WEIRTON	W8CWO	146.940	-		
WELCH	WV8ED	145.450	-		☺
WESTON	WD8EOM	145.390	-		
WESTON	KA8TCF	147.165	+		
WESTON	K8VE	147.330	+	PROP	
WHEELING	KA8YEZ	145.190	-	156.7	☺
WHEELING	W8ZQ	146.760	-		☺
WILLIAMSON	WR8M	145.330	-	T100.0	☺

220 MHZ

ANSTED	N8FWL	224.840	-	123.0	☺
BECKLEY	N8FWL	224.240	-	T123.0	☺
BECKLEY - SOUTH	N8FWL	224.740	-	123.0	☺
BECKLEY - WEST	N8FWL	224.540	-	123.0	☺
BECKLEY/OAK HILL	N8FWL	224.340	-	T123.0	☺
BERKELEY SPRINGS	KA3VLG	224.700	-		
CHARLESTON	WB8YST	224.360	-	107.2	☺
CHARLESTON	WS8L	224.700	-	T123.0	☺
CRAIGSVILLE	KC8LRN	224.480	-	T91.5	☺
FLAT TOP/WINTRPL	WV8B	224.120	-	100.0	
GREENBANK	KC8CSE	224.560	-	123.0	☺
HILLSBORO	KC8LRN	224.220	-	T131.8	☺
HINTON/BECKLEY	N8FWL	224.640	-	123.0	☺
#LEON	WD8OHX	223.780	-	UNCOR	
LEWISBURG	N8FWL	224.140	-	T123.0	☺
LEWISBURG	KC8LRN	224.800	-	T131.8	☺
SLATY FORK	KC8LRN	224.720	-	91.5	☺
SUTTON	W8COX	224.400	-	T123.0	
WILLIAMSON	WR8M	224.140	-		☺

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400	+	T100.0	
BECKLEY	N8FWL	443.050	+	T123.0	☺
BECKLEY	N8LVE	444.125	+	T	
BECKLEY/BOLT	W8LG	443.225	+		
BECKLEY/OAK HILL	WB8YST	444.525	+	T110.9	
BECKLEY/OAK HILL	WV8B	444.800	+	100.0	☺
BECKLY/OAK HILL	KE4QOX	443.100	+	T107.2	☺
BELINGTON	N8SCS	444.900	+	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450	+		
BLUEFIELD	WZ8E	443.625	+	100.0	☺
BUCHANNON	K8VE	444.475	+	T146.2	
BUCKHANNON	N8ZAR	444.250	+		
CHAPMANVILLE	W8CH	442.475	+	PROP	
CHAPMANVILLE	W8CH	442.475	+	PROP	
CHARLESTON	KB8QKM	442.925	+	71.9	
CHARLESTON	WS8L	443.300	+	T123.0	☺
CHARLESTON	WV8AR	444.225	+	T123.0	☺
CHARLESTON	WB8YST	444.350	+	T107.2	☺
CHARLESTON	N8RKU	444.825	+	T123.0	
CLARKSBURG	N8FMD	444.175	+	T103.5	☺
CRAIGSVILLE	KC8SDN	443.650	+	T123.0	
CROSS LANES	KC8RRI	444.400	+	PROP	
DANS MT	N8YIB	145.330	+		
DUNMORE	KC8CSE	444.275	+	123.0	☺
ELKINS	N8RLR	444.850	+	T162.2	
FAIRMONT	W8SP	443.875	+		
FLATWOODS	KC8SDN	443.075	+	123.0	
FLATWOODS	W8FES	444.200	+		☺
GASSAWAY	AB8WB	444.675	+	T123.0	
GILBERT	KB8PCW	442.725	+	T	
GLENVILLE	KA8ZXP	444.325	+		
GRAFTON	WD8LNB	444.750	+	PROP	
HERNSHAW	WB8CQV	444.700	+	203.5	
HINTON	KC8CNL	443.900	+	PROP	☺
HUNTINGTON	WA4GSS	421.250	+		
HUNTINGTON	N8HZ	443.000	+		
HUNTINGTON	KB8TGK	443.850	+	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850	+	T131.8	☺
HURRICANE	K8OJC	444.075	+		
KENOVA	KC8PFI	443.600	+	162.2	
KEYSER	N8RCG	444.125	+	103.5	☺
LEWISBURG	KF8FO	444.725	+	T103.5	
LOGAN	NV8H	444.900	+	PROP	☺
MORGANTOWN	K8LG	444.700	+		
MORGANTOWN	W8CUL	444.800	+		☺
MOUNDSVILLE	KC8FZH	444.075	+		
MULLENS	KC8IT	444.000	+		
OAK HILL	KA8OTX	443.800	+		
PARKERSBURG (OH)	N8ILO	444.100	+		
PENNSBORO	WB8NSL	442.850	+	T103.5	
PRINCETON	KB8UJG	443.700	+	T123.0	☺
RICHWOOD	K8VKB	442.275	+	123.0	
RICHWOOD	KC8SDN	443.375	+	T123.0	
RICHWOOD	KB8YDD	443.475	+		
RICHWOOD	KC8AUY	443.575	+	T	
RICHWOOD	KC8SDN	443.625	+	T123.0	
ROCKPORT	N8LHL	443.350	+	T123.0	
SHIRLEY	KB8TJH	444.425	+	T	
SO. CHARLESTON	WB8CQV	444.950	+	203.5	
ST. ALBANS	K8MHR	443.150	+		
THOMAS	K7SOB	441.900	+	PROP	
WELCH	N8SNY	443.725	+		
WESTON	N8FIP	443.975	+		
WESTON	KA8TCF	444.600	+		
WHEELING	KB8QHO	421.250	+		
WHEELING	KA8YEZ	443.025	+	77.0HZ	☺
WHEELING	N8EKT	444.975	+		

Limited FULL MEMBERS FROM NON-SERA STATES

10 METERS

CHESTER, PA	W3PS	29.520	+	T156.7	☺

6 METERS

CONCORD, NH	KA1OKQ	53.590	-	71.9	☺

2 METERS

CHESTER, PA	W3PS	147.315	+	TT156.7	☺
CONCORD, NH	KA1OKQ	147.225	+	T100.0	☺
DELAND, FL	KD4UTV	147.045	+	T103.5	☺
HUNTSVILLE, AL	N4HSV	146.940	-		☺
HUNTSVILLE, AL	W4VM	147.100	+		☺
OCEAN CITY, NJ	W3PS	147.285	+	T156.7	☺
VINELAND, NJ	AA2LD	147.135	+	T156.7	☺
WINCHESTER, VA	W4RKC	146.820	-		☺

220 MHZ

CHESTER, PA	W3PS	224.960	-	T156.7	☺
CONCORD, NH	KA1OKQ	224.800	-	T103.5	☺
EAGLEVILLE, PA	W3PS	224.680	-	T156.7	☺
MILLVILLE, NJ	AA2LD	223.960	-	T156.7	☺
OCEAN CITY, NJ	W3PS	223.980	-	T156.7	☺
POTTSTOWN, PA	W3PS	224.400	-	T156.7	☺

440 MHZ

CHESTER, PA	W3PS	443.050	+	T156.7	☺
CONCORD, NH	KA1OKQ	448.775	-	T82.5	☺
HAZLETTVILLE, DE	WA3BXW	449.725	-		☺
HUNTSVILL, AL	KE4LRX	443.475	+		☺
HUNTSVILLE, AL	W4XE	444.300	+		☺
MADISON, VA	N8HON	444.400	+		☺
MCKINNEY, TX	KF5TU	442.350	+	T100.0	☺
PEMBROKE, NH	KA1OKQ	444.150	+		☺
PETERBORO, NH	KA1OKQ	443.350	+	T110.9	☺

900 MHZ

CHESTER, PA	W3PS	927.4875	-		☺
EAGLEVILLE, PA	W3PS	927.5125	-		☺
OCEAN CITY, NJ	W3PS	927.5375	-		☺

1270 MHZ

CHESTER, PA	W3PS	1240.000	+		

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER INDEX LISTINGS BY FREQUENCY

10 METERS

29.6200 / 29.5200
W3PS CHESTER, PA .....156.7 ZZ
29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4XE WILKESBORO ..... NC
WB4IUY ZEBULON ..... NC
W4ZJM MEMPHIS .....*# TN
AJ4D TELLICO PLAINS .....141.3 TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
KK4CZ LOUISVILLE ..... KY
KB5MPW BAY SAINT LOUIS .....136.5 MS
KE4QOX HIGH POINT .....103.5 NC
W4CAT GALLATIN/BNA .....107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON .....203.5 WV
29.5600 / 29.6600
WR4MG WARNER ROBINS ..... GA
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
W4GL SUMTER ..... SC
KE4QOX FANCY GAP .....123.0 VA
WA8YWO RICHWOOD .....100.0 WV
29.5800 / 29.6800
AI8H CONYERS ..... GA
N4BZJ DALTON ..... GA
KB0Y VALDOSTA .....141.3 GA
KA4UHL INGLE .....146.2 KY
WW4DC THOMASVILLE .....88.5 NC
N8ITF SPRINGFIELD ..... TN
KE4QOX BECKLEY .....88.5 WV

6 METERS

52.5500 / 51.5500
WB4JEH #CONYERS .....151.4 GA
51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
51.2400 / 51.7400
KI4AWK THOMASVILLE ..... GA
51.4400 / 51.9400
KC5BMJ KINGSLAND .....82.5 GA
53.0250 / 52.0250
WB4LBR LOUISVILLE ..... KY
52.0100 / 53.0100
W4MAZ COCHRAN .....77.0 GA
WA4YNZ #ROSWELL ..... GA
KC4QK ASHLAND .....107.2 KY
N5EKR ELLISVILLE ..... MS
KE4QOX THOMASVILLE .....88.5 NC
N4FV GREENEVILLE .....100.0 TN
WA4KOG MEMPHIS ..... TN
WA4BGK NASHVILLE .....114.8 TN
KI4ZR LEXNGTN/ROCK MT..... VA
52.0300 / 53.0300
W4WTA AUGUSTA ..... GA
K4ITL RALEIGH ..... NC
AB4OE BLACKSBURG .....123.0 SC
KF4FTD MORRISTOWN ..... TN
KC8POU CULLODEN .....123.0 WV
52.0500 / 53.0500
KC4JNN BISKEY MT. .....100.0 GA
AB5MU NETTLETON .....192.8 MS
N4JEH ROCKY MOUNT ..... NC
WA4PXV SPRUCE PINE .....151.4 NC
K4SHP MYR BCH/AYNOR ..... SC
WA4BGK GALLATIN .....114.8 TN
52.0700 / 53.0700
WB4AEG CARTERSVILLE .....123.0 GA
KB4PTJ WILLIAMSBURG .....100.0 KY
KD4FWS MT.AIRY/FANCY GP.....100.0 NC
KB4MIC GUM SPRING .....203.5 VA
52.0900 / 53.0900
KD4DKW ATL/MARIETTA .....151.4 GA
N4ALG NICHOLASVILLE .....103.5 KY
KF4IXW REELSBORO .....162.2 NC
K4NOC BISHOPVILLE ..... SC
KD4PBC SEVIERVILLE ..... TN
NO4Q WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
W4GR LAWRENCEVILLE .....82.5 GA
KC4YOT GASTONIA ..... NC
KD4BGD LUMBERTON ..... NC
K4SER TARBORO ..... NC
WD4GYN OAK RIDGE ..... TN
N8CQQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG .....107.2 KY

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4FOT HENDERSONVILLE .....100.0 NC
KG4IBW DRESDEN .....107.2 TN
W4HFH ALEXANDRIA ..... VA
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
KA5WZY ATLANTA ..... GA
K4USC UNION ..... SC
WB4IOB KNXVL/ENG MT ..... TN
N5YKR LEXINGTON .....100.0 TN
N8ITF SPRINGFIELD ..... TN
N4CH BEDFRD/THAX MT ..... VA
52.1700 / 53.1700
WW4DC THOMASVILLE .....88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
N8FWL BECKLEY .....123.0 WV
52.1900 / 53.1900
W4BAD RALEIGH ..... NC
KN4AS LITTLE MOUNTAIN .....156.7 SC
WA4UCE COOKEVILLE ..... TN
52.2100 / 53.2100
N1KDO MARIETTA .....79.7 GA
N4QLX SAURATOWN MT ..... NC
AD4U ORANGEBURG ..... SC
N4WWB GATE CITY ..... VA
AB8WB GASSAWAY .....123.0 WV
52.2300 / 53.2300
KD4BDB WARM SPRINGS .....97.4 GA
KD4JFN PITTSBORO .....107.2 NC
KA4ZKL GUTHRIE (TN/KY) ..... TN
KQ4E MORRISTOWN ..... TN
52.2500 / 53.2500
KF4BMG MARIETTA .....79.7 GA
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS .....100 VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KC4CBQ HIAWASSEE .....186.2 GA
KA4UHL NANCY .....100.0 KY
WD4BQW ASHEVILLE .....100.0 NC
N5CWH LEESVILLE .....162.2 SC
WD4KZK ROCKY MT/FERRUM .....107.2 VA
52.2900 / 53.2900
K4PLM #PINE LOG MT. .....198.2 GA
KF4UAQ LOUISVILLE ..... KY
KF4SXO CHESTER ..... SC
WA4CQK FANCY GAP .....100.0 VA
52.3100 / 53.3100
AB4JJ WEST JEFFERSON .....100.0 NC
K4SER WILLIAMSTON ..... NC
KG4BZN WALTERBORO .....123.0 SC
KB8TJH SHIRLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD .....88.5 GA
AD4CC HIGHLAND HEIGHTS .....123.0 KY
W4TLP CLINTON ..... NC
K4DHT MOUNTAIN CITY .....100.0 TN
KB4IDC MT. JULIET .....100.0 TN
KC8CSE SNOWSHOE .....156.7 WV
52.3500 / 53.3500
WR4AMS DORTON ..... KY
WR4BEG SOPHIA/RANDLEMAN..... NC
K4VCM CHATTANOOGA ..... TN
52.3700 / 53.3700
W4ZO MONROE .....100.0 NC
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
N8RIG BLUEFIELD ..... VA
52.3900 / 53.3900
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG .....100.0 KY
AB4JJ WEST JEFFERSON .....100.0 NC
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND .....107.2 NC
KO4MZ GVL/CSR'S HEAD .....131.8 SC
K4ORE CLARKSVILLE .....110.9 TN
52.4300 / 53.4300
KR4OL #MACON ..... GA
N7BBW LOUISVILLE .....151.4 KY
AD4DN #WILMINGTON .....88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
KG4KUA VESTA .....107.2 VA
52.4500 / 53.4500
WD4OVN #PINE LOG MT ..... GA
KC5PIA LAUREL ..... MS
W4UNC CHAPEL HILL .....107.2 NC
NQ4Y MONTEAGLE MTN .....114.8 TN
K8GP BULLRUN ..... VA
52.4700 / 53.4700
W5PFC JACKSON .....77.0 MS
KF4BJO GAFFNEY ..... SC
KB4REC KNOXVILLE ..... TN
KE4JYN PEARISBURG .....107.2 VA
52.5500 / 53.5500
WB4JEH CONYERS .....151.4 GA
N4OQJ KNOXVILLE .....100.0 TN
K4RDK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE .....123.0 GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG .....103.5 VA
52.5900 / 53.5900
KF4QDS KVILLE/HIPOINT .....103.5 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY .....107.2 WV
KA1OKQ CONCORD, NH .....71.9 ZZ
52.6300 / 53.6300
AB4JJ MT MITCHELL .....100.0 NC
WB8YST CHARLESTON .....107.2 WV
51.1400 / 53.6500
KB5MPW BAY SAINT LOUIS .....136.5 MS

52.6500 / 53.6500
KB4YFV WHITE TOP MTN ..... VA
N8SCS BELINGTON .....141.3 WV
51.2000 / 53.7100
KE4OVN LANEVIEW .....107.2 TN
52.7100 / 53.7100
KD4YWB ROBBINSVILLE .....167.9 NC
WB8YST RICHWOOD .....107.2 WV
52.7300 / 53.7300
KF4CXL MCINTYRE .....77.0 GA
K4XYZ BUCKHORN LAKE .....100.0 KY
WD4OAR GEORGETOWN .....192.8 TN
52.7500 / 53.7500
KK4MC SUMMERVILLE .....127.3 GA
W4YWH HIGHLAND HEIGHTS .....123.0 KY
WA4PXV AIR BELLOWS GAP ..... NC
W4BAD DURHAM ..... NC
K4GX #ROGERSVILLE .....114.8 TN
N8PEI MARMT/CHARLSTN .....141.3 WV
52.7700 / 53.7700
W4GL SUMTER ..... SC
W4BBB KNOXVILLE/RACK .....100.0 TN
N4TZE BEDFORD/THNDR .....173.8 VA
52.7900 / 53.7900
WR4MG WARNER ROBINS ..... GA
WA4NC BOONE .....100.0 NC
52.8100 / 53.8100
WD4KNE #STANTON ..... KY
W4EBM #FAYETTEVILLE ..... NC
52.8500 / 53.8500
K4TDO HAZARD ..... KY
KE4SHA WALTON .....118.8 KY
52.8700 / 53.8700
K4WYV SEVIER/PINE MT .....88.5 TN
KC8PFI KENOVA .....91.5 WV
52.8900 / 53.8900
KB0Y LAKE PARK .....141.3 GA
WB4HJG LULA .....82.5 GA
KN4E ELIZABETHTON .....88.5 TN
WA4OHX HAMPTON ..... VA
52.9100 / 53.9100
KE4ZJT LONDON .....100.0 KY
52.9300 / 53.9300
N1IB CUMMING .....107.2 GA
KE4SWV CASTALIAN SPRING .....123 TN
W4GMM MEMPHIS .....107.2 TN
KC8LRN LEWISBURG .....131.8 WV
52.9500 / 53.9500
WB4WSB LAGRANGE ..... KY
52.9700 / 53.9700
N4DAJ MT. AIRY .....100.0 NC
52.9900 / 53.9900
KD4CWB KNOX/SEVIERVILLE .....100.0 TN

2 METERS

144.5100 / 145.1100
KK4HL AUGUSTA ..... GA
N4MXC COCHRAN .....107.2 GA
KR4HV DOUGLASVILLE .....88.5 GA
KC4UPE LEESBURG .....192.8 KY
KD5AXY FLORENCE ..... MS
W5WA VANCLEAVE .....123.0 MS
W4PCN KILL DEVIL HILLS .....131.8 NC
N4GSM ROBBINSVILLE .....151.4 NC
KD4MYE YOUNGSVILLE .....88.5 NC
WZ4SC FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
KK4TD COOKEVILLE ..... TN
WM4T GRAY ..... TN
KF4OID MOSCOW .....107.2 TN
N4ARK NASHVL/FAIRVIEW .....151.4 TN
K4YPE RICHMOND ..... VA
N8RV FROST .....107.2 WV
K8SA SALT ROCK .....110.9 WV
144.5300 / 145.1300
K4SEX NEWNAN .....156.7 GA
WR4SG VALDOSTA .....141.3 GA
N4UL LOUISVILLE AREA .....151.4 KY
KJ4VF MOREHEAD .....100.0 KY
WB4YNF #AHOSKIE .....131.8 NC
N4VL MT. AIRY .....103.5 NC
W4RNC RALEIGH .....82.5 NC
W4JAK GREENWOOD ..... SC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
KA4OAK LAFOLLETTE ..... TN
KF4ATY MEMPHIS .....107.2 TN
KC4WPS NASHVILLE .....114.8 TN
N8OYY GLENVILLE .....103.5 WV
144.5500 / 145.1500
K4TWG BACONTON ..... GA
W4AQL GA TECH .....167.9 GA
KF4CXL MCINTYRE .....77.0 GA
KG4CCW LOUISVILLE .....141.3 KY
KY4JW MONTICELLO .....100.0 KY
AD4BI PIKEVILLE .....107.2 KY
KE5LT PICAYUNE ..... MS
K2IMO ELM CITY .....88.5 NC
W4GSO GREENSBORO .....100.0 NC
K4OBX HATTERAS ISLAND .....131.8 NC
W4LBT #LUMBERTON ..... NC
N4LWY SUMMERTON ..... SC
K4USC UNION ..... SC
KG4FZR ATHENS .....141.3 TN
KB4IBW DRESDEN .....107.2 TN
W4XS FRANKLIN ..... TN
K4ARO GREENBAY ..... VA
N3ZE RADFORD/RINER ..... VA
K8VE PHILIPPI .....103.5 WV
144.5700 / 145.1700
WA4DIW JONESBORO ..... GA
W8PRH HALLS GAP ..... KY
W5JWX RAYMOND .....77.0 MS

K4CCR ANDSN MT/DENVER .....88.5 NC
N4JDW WILMINGTON .....88.5 NC
KY4S AIKEN ..... SC
K4NOC BISHOPVILLE .....123.0 SC
WF4Q BRUCETON .....107.2 TN
WB4GBI KNOXVILLE ..... TN
WB4LHO MURFREESBORO ..... TN
WA4ZUA NORFOLK .....136.5 VA
WV8B BECKLEY/BOLT MT .....100.0 WV
144.5900 / 145.1900
W4CBA GAINESVILLE .....131.8 GA
WA4EQL JESUP ..... GA
WB4ULJ PINE MT/HAMILTON ..... GA
KB4SQI SALYERSVILLE .....127.3 KY
K5YD BOONEVILLE .....110.9 MS
W5CJR HATTIESBURG .....136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BVW MT MITCHELL ..... NC
K4GWH RALEIGH .....156.7 NC
N4OTT CARTHAGE ..... TN
KD4XV JASPER .....127.3 TN
N4ZKR NEWBERN .....100.0 TN
WB3R AMELIA ..... VA
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING .....156.7 WV
144.6100 / 145.2100
KC4RRO EASTMAN ..... GA
WA4EPK FAYETTEVILLE .....131.8 GA
W8PRH LEXINGTN/GRGTWN ..... KY
W5SAR #WAYNESBORO ..... MS
K4OLC HIGH PEAK MTN .....94.8 NC
WB4TQD TRENTON ..... NC
KG4LAP SMOAKS ..... SC
W2GLJ GERMANTOWN ..... TN
W4BBB KNOXVILLE/RACK .....100.0 TN
N4ARK NASHVILLE ..... TN
K4QZJ HIGH KNOB MT ..... VA
N2EDE ROANOKE .....107.2 VA
WB8FEQ HUNTINGTON .....162.2 WV
144.6300 / 145.2300
WB4JEH CONYERS .....151.4 GA
W4DRC DALTON ..... GA
K4BR WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
W4KBL PRINCETON .....103.5 KY
KG4GQC WEST LIBERTY .....107.2 KY
W5NRU ELLISVILLE .....136.5 MS
KC5VZI #NEW ALBANY ..... MS
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL .....107.2 NC
W4BFB CHARLOTTE ..... NC
KG4AQH GREELEYVILLE ..... SC
W4CAT LAVERNE ..... TN
KB4KIE MAYNARDVILLE ..... TN
KE4NTL RIPLEY .....100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS .....100.0 VA
N8FWL BECKLEY/OAK HILL .....100.0 WV
N8FMD ELKINS .....103.5 WV
144.6500 / 145.2500
N4YYD CHATSWORTH .....71.9 GA
KF4CXL MCINTYRE .....136.5 GA
AD4YJ LEXINGTON .....110.9 KY
W4GG GREENSBORO .....88.5 NC
WA4USN CHARLESTON ..... SC
WA4UKX SIMPSONVILLE .....123.0 SC
KT4WS DOVER .....100.0 TN
W4NKW ERWIN/PINNACLE ..... TN
N4ER MEMPHIS .....146.2 TN
KD8XK BLUEFIELD .....100.0 VA
KQ4RH MONTPELIER ..... VA
144.7500 / 145.2500
KC4QLP ELIZABETH CITY .....131.8 NC
144.6700 / 145.2700
KT4X SANDERSVILLE .....77.0 GA
K4AIS WALESKA/PNLG MT .....100.0 GA
N4KJU PAINTSVILLE .....127.3 KY
KD4BOH ROCKPORT .....77.0 KY
N5NBG WALLS .....162.2 MS
KB5DZJ WIGGINS .....136.5 MS
K4ITL ASHEBORO .....82.5 NC
K4ROK FARMVILLE .....131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
N7GZT COLUMBIA .....162.2 SC
W4SRX MONTEREY .....123.0 TN
KD4CLA PIGEON FORGE .....100.0 TN
WB3T MARION .....103.5 VA
N8FMD BIRCH RIVER .....103.5 WV
144.6900 / 145.2900
W4IBM ATLANTA .....88.5 GA
W4DV AUGUSTA .....100.0 GA
WR4MG PERRY .....107.2 GA
AC2DC LOUISVILLE .....151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
WN3X COINJOCK .....131.8 NC
NC4AR HIGH POINT .....88.5 NC
WA4WPD NASHVILLE .....107.2 NC
W4GS MYRTLE BEACH .....85.4 SC
KU4ZS PUMPKINTOWN .....123.0 SC
W4AM CHATTANOOGA .....118.8 TN
KF4ZQA ELIZTON/HOLS MT .....100.0 TN
K4DXC RIDGETOP .....114.8 TN
WF4Q SHILOH .....107.2 TN
N4UTN RUSTBURG ..... VA
WB8WV GLENVILLE .....91.5 WV
144.7100 / 145.3100
W4FIZ COLUMBUS .....123.0 GA
KB4JF NASHVILLE .....141.3 GA
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
WB5GOJ CHATAWA ..... MS

W4NGH BAKERSVILLE ..... NC
N4LEX #LEXINGTON .....88.5 NC
K4ITL ROSEBORO ..... NC
W4IAR BEAUFORT ..... SC
W4CHR CHESTER ..... SC
WA4PNI ATHENS .....141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE .....151.4 TN
KD4KWP CHESTERFIELD .....127.3 VA
N8FCJ BECKLEY/LAYLAND .....100.0 WV
KB8TJH SHIRLEY ..... WV
144.7300 / 145.3300
KF4ODQ EASTMAN .....77.0 GA
WA4OGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND .....131.8 GA
KF4INN VERSAILLES ..... KY
K5DMC KILN ..... MS
KI4RK EMERALD ISLE .....88.5 NC
KI4RK GOLDSBORO .....100.0 NC
N4VRD MOUNT AIRY .....100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WT4E COLLIERVILLE .....107.2 TN
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON .....100.0 WV
144.7500 / 145.3500
W4DOC ATLANTA .....146.2 GA
W4GTA LOOKOUT MT .....100.0 GA
KD4MFS OCILLA ..... GA
AI4HB RADCLIFF .....173.8 KY
N4DRL BYHALIA ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE .....131.8 NC
KE4OVN GREENFIELD .....107.2 TN
WD4JYD NOLENSVILLE .....114.8 TN
KB4PNG ONEIDA .....77.0 TN
N4AZJ BLAND .....103.5 VA
W4HCH SOUTH BOSTON ..... VA
W8GK CHARLESTON .....91.5 WV
W8SP FAIRMONT .....103.5 WV
144.7700 / 145.3700
AA4UA AUGUSTA ..... GA
KB4IZF JASPER .....100.0 GA
W4BKM MACON .....88.5 GA
KE4YVD RICHMOND .....192.8 KY
K5IJX HATTIESBURG .....136.5 MS
N5PYQ SOUTHAVEN .....107.2 MS
W4HF N. WILKESBORO .....94.8 NC
K4PPD SHALLOTTE .....118.8 NC
K4ILT HOLLY HILL .....103.5 SC
KB4KIE KNOXVILLE ..... TN
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... VA
KC4RBA LYNCHBURG .....186.2 VA
WV8BD BECKLEY/EOC ..... WV
K8VNQ PARSONS .....118.8 WV
144.7900 / 145.3900
K4HYB GRIFFIN/CENAR .....88.5 GA
KC4KAN BENTON .....118.8 KY
N4EQT LAWRENCEBURG .....107.2 KY
KC8FKP SO. PORTSMOUTH .....136.5 KY
KB5KGE JACKSON ..... MS
NC4UC MONROE/UCARS .....94.8 NC
WB4TQD RALEIGH .....82.5 NC
KG4BZN WALTERBORO ..... SC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
KE4EUE COLONIAL HEIGHTS..... VA
W4POX PORTSMOUTH .....100.0 VA
K4ARO ROANOKE/POOR MT .....107.2 VA
AI4UK #LENORE ..... WV
WD8EOM WESTON ..... WV
144.8100 / 145.4100
W4PME ATLANTA/BELL .....100.0 GA
K4KNS AUGUSTA ..... GA
WA4MXO JACKSON ..... KY
KK4CZ LOUISVILLE .....151.4 KY
N5LRQ POPLARVILLE .....136.5 MS
N4XO CHINA GROVE .....136.5 NC
K4SER WILLIAMSTON .....131.8 NC
WA4USN CHARLESTON ..... SC
N4VIH DOVER .....123.0 TN
K4MFD GREENEVILLE .....173.8 TN
K5FE MEMPHIS .....107.2 TN
NQ4Y MONTEAGLE MTN .....114.8 TN
KF4ADM WILLIAMSBURG .....127.3 VA
N8FHE BUCKHANNON ..... WV
WV8AR RED HOUSE .....123.0 WV
W8IFL UNION .....100.0 WV
144.8300 / 145.4300
K4LCI ATLANTA ..... GA
WA9RNZ JESUP .....118.8 GA
AA4RI MACON ..... GA
AC4RS ELKTON .....77.0 KY
KF4CBT WINCHESTER .....203.5 KY
KX5E GLOSTER .....136.5 MS
WA5WRE POPLARVILLE ..... MS
KU4W RAEFORD .....100.0 NC
K4QFQ SPARTA/GREEN MT ..... NC
K4JR SUMTER .....156.7 SC
WF4Q BROWNSVILLE .....107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN
AD4OV COEBURN .....103.5 VA
W4SQT RICHMOND ..... VA
WB8YST CHARLESTON .....107.2 WV
K8LG MORGANTOWN ..... WV
144.8500 / 145.4500
W4BOC DECATUR ..... GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W6ZP AUBURN .....103.5 KY
WX5P FULTON ..... MS
W5PPB SHARON .....77.0 MS
WA4KOG SOUTHAVEN .....79.9 MS
WR4AGC DURHAM ..... NC
WD4LCF GASTONIA ..... NC
K4GRW #NEWPORT ..... NC
WD4EOG CLEMSON UNIV ..... SC
W4ZKM SAVANNAH RIVER .....123.0 SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT .....127.3 TN
KA4THY ROANOKE .....107.2 VA
AA4HQ SALUDA ..... VA
N8LGY MT. ZION .....107.2 WV
WV8ED WELCH ..... WV

144.8700 / 145.4700
KD4HMH BONAIRE ..... GA
KG4OGC RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN .....151.4 KY
K4NLT HUEYSVILLE .....79.7 KY
KF4BRO MAYSVILLE .....107.2 KY
WB5VYH #ABBEVILLE .....107.2 MS
W4OIX KINSTON .....88.5 NC
W4NC SAURATOWN MT .....100.0 NC
WB4BLI GAFFNEY .....141.3 SC
KI4CB MYR BCH/CONWAY ..... SC
WB4GBI KNOXVILLE ..... TN
KF4RBR MOUNTAIN CITY .....103.5 TN
N4ARK NASHVILLE ..... TN
N4ZCM SOUTH HILL ..... VA
N8YHK SUMMERSVILLE .....100.0 WV

144.8900 / 145.4900
W4DV AUGUSTA ..... GA
KA4WUJ CORDELE .....103.5 GA
W4LMA MARIETTA .....88.5 GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY GIBSONVILLE .....107.2 NC
KF4LUC HICKORY .....94.8 NC
W4BWC RALEIGH .....82.5 NC
WD4HEM CHERAW .....123.0 SC
WA4KOG BRADEN ..... TN
WB4LHO MCMINVL/SHT MT ..... TN
K4CQ AMHERST .....136.5 VA
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV

146.9950 / 146.3950
WB9SHH #MONTECELLO .....88.5 KY

146.0100 / 146.6100
W4CVY COLUMBUS ..... GA
WB4JEH CONYERS .....151.4 GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
W5LAR LAUREL ..... MS
W4EWN NEW BERN .....100.0 NC
WB4TOP RALEIGH .....131.8 NC
KF4QDS THOMASVILLE .....123.0 NC
KC4WIF ELLOREE .....118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
W4CAR CHESAPEAKE ..... VA
W4WWQ LYNCHBURG .....136.5 VA
WB8MZI GASSAWAY ..... WV

146.0250 / 146.6250
W4ZT ATL/UNION CITY .....100.0 GA
N4UJT ELBERTON ..... GA
K4HAO VIDALIA ..... GA
K4ULW PAYNEVILLE .....151.4 KY
KC5ULN COLUMBUS ..... MS
KE5WO PORT GIBSON ..... MS
K4USB BUXTON .....131.8 NC
KI4RR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
WB4VXX CORNERSVILLE .....107.2 TN
WB4GBI KNOXVILLE .....100.0 TN
W4UTM MARTIN .....107.2 TN
K4SVA JARRATT I-95 .....100.0 VA
WV8B FLAT TOP/WINTRPL.....100.0 WV

146.0400 / 146.6400
WB4QGR #ATLANTA ..... GA
W4FWD CARROLLTON .....131.8 GA
AE4PO WAYCROSS .....141.3 GA
WA4UXJ CANE VALLEY ..... KY
K5XU MADISON ..... MS
WB5NAY MOOREVILLE ..... MS
WB4YAO HENDERSONVILLE .....91.5 NC
W4DW RALEIGH ..... NC
W4TSI SURF CITY .....118.8 NC
W4NC WINSTON-SALEM .....100.0 NC
W4GL SUMTER ..... SC
KA4QYI HARRIMAN .....100.0 TN
WB4KQQ MEMPHIS ..... TN
AF4TZ NASHVILLE .....114.8 TN
W4WIC FINCASTLE ..... VA
N4QLF MARION .....103.5 VA
WB4QEY RICHMOND ..... VA
N8HZ HUNTINGTON/CHAS ..... WV

146.0550 / 146.6550
N4NFP ATLANTA/MARIETTA .....151.4 GA
W4WSM BOWLING GREEN-SO..... KY
WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
KC5ZZH MERIDIAN ..... MS
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY .....131.8 NC

KD4KOJ BEAUFORT ..... SC
N5CWH LEESVILLE .....162.2 SC
K4SHP MYRTLE BEACH ..... SC
KI4BXI BROWNSVILLE ..... TN
W4RDM LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS .....123.0 WV
N8SNW IAEGER .....203.5 WV

146.0700 / 146.6700
WR4LT BONAIRE .....123.0 GA
W4ABP GAINESVILLE .....131.8 GA
KF4SJO HAZARD ..... KY
WA4FOB LARUE .....77.0 KY
W4KBL PRINCETON ..... KY
W5UBG NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
K4OI FOREST CITY .....114.8 NC
AD4DN WILMINGTON .....88.5 NC
AD4U ST. MATTHEWS .....156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE ..... TN
AF4TZ NASHVILLE .....114.8 TN
W4CBM DUBLIN ..... VA
KG4NJA HAMPTON .....173.8 VA
KD4DDI PAGECO ..... VA
WD8JNU RAVENSWOOD ..... WV

146.0850 / 146.6850
K4NGA ADAIRSVILLE .....167.9 GA
WA4EPK DARIEN ..... GA
K4KZY FAYETTEVILLE ..... GA
KF4NTQ GEORGETOWN .....107.2 KY
N4WJS OWENSBORO .....110.9 KY
W5KHB NATCHEZ .....100.0 MS
W4NBR GRIFTON .....88.5 NC
W4SNC STATESVILLE ..... NC
K4USC UNION ..... SC
KF4ARH WALLAND .....88.5 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
N8FMD CLARKSBURG .....103.5 WV
WB8NAM DANVILLE ..... WV

146.1000 / 146.7000
W4MM ALBANY ..... GA
K4UFO JASPER ..... GA
KD4BWK LAGRANGE .....141.3 GA
WB4DOJ MILLEDGEVILLE .....67.0 GA
K4NLX SAVANNAH .....100 GA
KY4KY BROOKS .....151.4 KY
KD4DZE GRAYSON .....107.2 KY
KB5MPW BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
N4CID DUNN ..... NC
W4PAX #LANCASTER ..... SC
WT4F PICKENS .....107.2 SC
KF4BVQ ANDERSON CTY .....100.0 TN
WM4T HOLSTON MOUNT .....103.5 TN
W4UOT MANCHESTER .....114.8 TN
WB4MMI RAMER .....162.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILE/WHT OAK .....107.2 VA
KF8PT NORFOLK ..... VA
KD4WWF STAUNTON .....131.8 VA
28 SHADY SPRING .....123.0 WV

146.1100 / 146.7100
KF4FO HOPKINSVILLE ..... KY

146.1150 / 146.7150
K4NVG LAVONIA .....100.0 GA
W4ABZ RINGGOLD .....67.0 GA
KF4OFT BEREA .....100.0 KY
KY4HC HAWESVILLE .....136.5 KY
KA5TQY GREENWOOD ..... MS
KD4JFN HAW RIVER .....107.2 NC
N4GGN MILLERS CREEK .....94.8 NC
WB4NEP COLUMBIA ..... SC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
W4TTL WALKERTON ..... VA

146.1300 / 146.7300
W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT..... GA
K4TVE BRUNSWICK ..... GA
WR4DH MACON .....100.0 GA
AC4AO LEXINGTON ..... KY
AA4NI #NEBO ..... KY
KC5IF BILOXI ..... MS
KD5GVU STARKVILLE .....210.7 MS
KC5TGT UTICA .....77.0 MS
W4BWC RALEIGH .....82.5 NC
W4EXU SALISBURY .....94.8 NC
N4ILM WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WA4UKX SIMPSONVILLE .....100.0 SC
WB4IOB KNXVL/ENG MT ..... TN
KE4LFZ MEMPHIS .....107.2 TN
K4EHL WATERTOWN .....100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG .....100.0 WV

146.1450 / 146.7450
KD4QHB ATHENS ..... GA
W4FIZ BOX SPRINGS .....123.0 GA
K4WOC CALHOUN .....100.0 GA
AF4VH SPRINGFIELD .....97.4 GA
WA4TTC GREENVILLE ..... KY
KD4RTR MILLARD .....141.3 KY
K5SVC CHURCH HILL .....100.0 MS
KC5VZI #NEW ALBANY ..... MS
KC4QPR MORGANTON .....94.8 NC
N4WFU ROANOKE RAPIDS .....131.8 NC
W4PDE DILLON/PEE DEE ..... SC
W4MV DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN

AA4YQ WARTBURG ..... TN
K4ROA ROANOKE/POOR MT .....107.2 VA

146.1600 / 146.7600
W4LAW LOOKOUT MT. .....100.0 GA
W4BOC STONE MT .....107.2 GA
WR4MG UNADILLA .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
K4CUW PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
K4GWH GREENSBORO .....156.7 NC
KB2XI SWANSBORO ..... NC
WB4THL WILSON .....131.8 NC
K4ESG CHARLESTON ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON .....131.8 WV
N4RAG LEWISBURG .....131.8 WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV

146.1750 / 146.7750
N4NEQ MARIETTA .....151.4 GA
KB4NA WRENS ..... GA
KA4WZX MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
KD5YTB CLEVELAND .....107.2 MS
K5PN HATTIESBURG .....136.5 MS
W4ZU HOLDEN BEACH .....100.0 NC
KD4RAA #RALEIGH .....88.5 NC
KG4WAD SALISBURY .....94.8 NC
KF4GHC FORT JACKSON .....156.7 SC
WF4Q JACKSON .....107.2 TN
W4JVO PULASKI/MUSIC MT..... TN
AG4AN FOREST .....131.8 VA
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV

146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
K4SEX NEWNAN ..... GA
K4VYX SWAINSBORO ..... GA
AG4TY HALLS GAP .....79.9 KY
W4YWH HIGHLAND HEIGHTS .....123.0 KY
K5TYP BILOXI ..... MS
W4TLP CLINTON ..... NC
KG4ASL SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS .....107.2 TN
W4SQE NASHVILLE .....100.0 TN
N4SD CHESAPEAKE ..... VA
N8WBR ANSTED .....156.7 WV

146.2050 / 146.8050
K4PDQ MACON .....77.0 GA
KA4NNE GUTHRIE .....100.0 KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
K5IMT #VICKSBURG ..... MS
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
KF4TNP CORNERSVILLE .....114.8 TN
W4EYJ CROSSVILLE .....131.8 TN
WB4MMI SELMER .....107.2 TN
WA4HTI COVINGTON ..... VA
W4TTL MECHANICSVILLE ..... VA

147.4050 / 146.8050
KC4AQS JASPER .....100.0 GA
W4DJB CANTON ..... NC
KD4TC BIG "A" MTN .....103.5 VA

146.2200 / 146.8200
W4MM ALBANY .....141.3 GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
KF4DKJ DRAKESBORO ..... KY
W4CMR IRVINE .....192.8 KY
KA5LNY MAGEE .....100.0 MS
WB4PZA WILKESBORO .....94.8 NC
K4GMP WILMINGTON .....88.5 NC
KT4NZ CAMDEN .....131.8 SC
W4NYK GRNVLE/PARIS MT ..... SC
KG4FZR MADISONVILLE .....141.3 TN
W4BS MEMPHIS ..... TN
KB4PNG #ONEIDA ..... TN
W4UOT WINCHESTER ..... TN
W4CAR CHESAPEAKE .....162.2 VA
N4WWB GATE CITY ..... VA
WB8CQV CHARLESTON .....192.8 WV
K8VE GRAFTON .....103.5 WV
W4RKC WINCHESTER, VA ..... ZZ

146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KF4AWA SALVISA .....192.8 KY
WB4PLA ASHEVILLE ..... NC
KB4TOH COLUMBIA .....131.8 NC
W4USH WADESBORO ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
KD5YBE SALTILLO .....123.0 TN
W4LYR WATERTOWN .....100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
W4GSF KILMARNOCK .....173.8 VA
N4UTN RUSTBURG/LONG MT ....173.8 VA
KC8ECX COWEN .....110.9 WV

147.4350 / 146.8350
N4KHQ DAHLONEGA .....100.0 GA
W4KMU #HOPE MILLS ..... NC

KB4BPV THOMASVILLE .....88.5 NC

146.2500 / 146.8500
K4SDJ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
KD5QNC BUDE .....103.5 MS
WB5MFK IUKA ..... MS
W5LWC KOSCIUSKO ..... MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
N4IV REIDSVILLE .....103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN .....127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE .....114.8 TN
W4POX PORTSMOUTH ..... VA
WA4ZBP STAUNTON .....131.8 VA
WV8BD BECKLEY/FLAT TOP..... WV
N8ZAR BUCKHANNON ..... WV

146.2650 / 146.8650
N4ZON JESUP .....123.0 GA
WB4DKY MADISON .....179.9 GA
AD4MU OWENSBORO ..... KY
KG4AEU RICHMOND .....192.8 KY
KD4HLH LAURENS .....107.2 SC
KF4VGX LITTLE RIVER ..... SC
W8EYU #CROSSVILLE .....118.8 TN
KN4KP TRENTON ..... TN
KG4VFO NORTON .....103.5 VA

147.4650 / 146.8650
W5NRU ELLISVILLE .....136.5 MS
N4WCO #MURPHY/STALCUP .....151.4 NC
WA4ZRS WAXHAW .....94.8 NC
WZ8E MOUNTAIN LAKE .....110.9 VA

146.2800 / 146.8800
W4CVY COLUMBUS ..... GA
W4BTI MARIETTA/ATLANTA .....100.0 GA
WA4NKL QUITMAN ..... GA
W4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET .....77.0 KY
K5QNE JACKSON .....100.0 MS
KE5SJ PASCAGOULA ..... MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
N7GZT ORANGEBURG ..... SC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND .....74.4 VA
WA4V SALEM ..... VA
WB8CQV SO. CHARLESTON .....203.5 WV

146.2950 / 146.8950
N4VNI HARTWELL .....100.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
K4CO HIGHLAND HEIGHTS .....123.0 KY
KA4BLZ LYNN GROVE .....210.7 KY
N2QEW WILMINGTON .....88.5 NC
WD4HEM PAGELAND .....123.0 SC
KF4HNV CROSSVILLE .....118.8 TN
WD4EGD DANDRIDGE ..... TN
K4TTC HOWENWALD .....100.0 TN
N4RAG CHARLOTTESVILLE .....131.8 VA
WA4KXV VIRGINIA BEACH ..... VA
WB3T WYTH/WALKER MT .....103.5 VA

147.4950 / 146.8950
WD4LUQ DALLAS .....77.0 GA
KC4KZT DORTON .....141.3 KY
W5NRU ELLISVILLE .....136.5 MS
KF4GUZ #SPRUCE PINE ..... NC

146.3100 / 146.9100
WB4HIG CLEVELAND ..... GA
K4HYB GRIFFIN/CENAR ..... GA
K4GFY MOREHEAD .....123.0 KY
KS4TO WADDY .....107.2 KY
K5VV HERNANDO ..... MS
WA5JZL LUCEDALE ..... MS
K5OCM NATCHEZ .....91.5 MS
WA4ZGQ AHOSKIE .....131.8 NC
W4MOE ASHVL/SPIVEY MT .....91.5 NC
K4MN FAYVLLE/CFARS .....100 NC
W4PAR LEXINGTON .....107.2 NC
WA4SJS WHITE HALL .....156.7 SC
KC4ROG KNOXVILLE ..... TN
W4YXA SHORT MTN ..... TN

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KE4ZBH	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB	107.2	VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
N4PJR	JESUP	141.3	GA
W4BEJ	RADCLIFF		KY
WB5CON	CORINTH	107.2	MS
AD4T	DOBSON	100.0	NC
WD4HEM	LUCKNOW	123.0	SC
K4ORE	CLARKSVILLE	110.9	TN
W4GZX	CLEVELAND		TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
WB4GJG	DANVILLE(DCC)	88.5	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO	88.5	GA
WA4RVB	WRIGHTSVILLE		GA
KG4DVE	ASHLAND		KY
KY4X	GLASGOW		KY
K4MSU	MURRAY	91.5	KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
KD5QNC	MCCOMB		MS
K4CTY	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	WANCHESE	131.8	NC
N7GZT	CHARLESTON		SC
W4IQQ	GREENVILLE	67.0	SC
WB4GBI	KNOXVILLE		TN
WA4KOG	OAKLAND		TN
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
N4HSV	HUNTSVILLE, AL		ZZ
146.3550 / 146.9550			
KD4AOZ	ATHENS	123.0	GA
W9QXW	BLAIRSVILLE	100.0	GA
WR4MG	PERRY	107.2	GA
KF4BRO	FLEMINGSBURG	107.2	KY
N5EKR	ELLISVILLE		MS
KC5OB	ISOLA		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
KD4BMX	PINE RIDGE	162.2	SC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA	100.0	VA
N4CFA	FARMVILLE	136.5	VA
K8VE	WEBSTER SPRINGS	123.0	WV
146.3700 / 146.9700			
K4CLJ	ATLANTA		GA
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
N5OS	GAUTIER	123.0	MS
KI5FW	MERIDIAN	100.0	MS
N5PH	PASCAGOULA		MS
N5EYM	WINONA	110.9	MS
KD4BJD	BENSON		NC
N4AW	ANDERSON		SC
W4GEY	FLORENCE	167.9	SC
W4TRC	KNGSPT/BAYS MT		TN
WD4MWQ	MCMINNVILLE		TN
WT4WA	MEDINA		TN
W4SKH	OAK RIDGE		TN
NC4BL	FANCY GAP	100.0	VA
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KC8CPK	LOGAN/WRD RK MT	100.0	WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
K4KNS	AUGUSTA	100.0	GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N4SEI	#JONATHAN CREEK		KY
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA	107.2	MS
K4OGB	ALBEMARLE	100.0	NC
K4JPE	DURHAM	156.7	NC
WD4PVE	MARION	118.8	NC
W1GRE	SUMMERVILLE	192.8	SC
KC4PRD	NASHVILLE		TN
KE4SCS	PETERSBURG	127.3	VA
W4CA	ROANOKE/POOR MT		VA
N8OLC	HUNTINGTON	131.8	WV
KF8LL	NEW MARTINSVILE		WV
146.4000 / 147.0000			
WA4NNO	ATLANTA		GA
K5UFH	CORINTH		MS
KE5TL	#VANCLEAVE		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
KD4HTW	MARION	192.8	SC
WB4YXZ	PICKENS	151.4	SC
KD4CWB	#KNOXVILLE	100.0	TN
W4ZJM	MEMPHIS	*#	TN
W4LG	SUFFOLK	100.0	VA
W8XF	CHARLESTON	91.5	WV
147.6000 / 147.0000			
W4EEE	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
KC5ULN	COLUMBUS		MS
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
W4CBX	BLOUNTVILLE		TN
AC4RS	CLARKSVILLE	167.9	TN
KA6UHV	COLLEGEDALE	131.8	TN
KD8ZR	TERRA ALTA		WV
146.4150 / 147.0150			
K4AIS	WALESKA/PNLG MTN	100.0	GA
N4YSB	YADKINVILLE		NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNB	88.5	VA
147.6150 / 147.0150			
K4EDN	BONAIRE	82.5	GA
KG4OGC	HINESVILLE		GA
AD4RT	IRVINE		KY
N5JHK	MONTICELLO		MS
NC4LC	LINCOLNTON	141.3	NC
W4BAD	RALEIGH	88.5	NC
W4GL	SUMTER	156.7	SC
AF4TZ	NASHVILLE		TN
KE4RX	RCKWD/MT ROSVLT		TN
WF4Q	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
WV5D	LAUREL		MS
KU4OL	MOUNTAIN REST		SC
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4REI	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
W5LDD	OCEAN SPRINGS		MS
KI4CGV	EDEN/REIDSVILLE	118.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KK4BQ	BARNWELL	156.7	SC
N4JTH	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC8IT	MULLENS		WV
WB8ECC	ST.MARYS/BENS RG		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
KE4ZRT	DOUGLAS	141.3	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KJ4VF	GRETHEL	100.0	KY
KE4OOS	PARIS	141.3	KY
KB5LCL	MORTON	141.3	MS
W4NHV	LUMBERTON		NC
K4ILT	ST. GEORGE	103.5	SC
AF4O	BOLIVAR		TN
N2UP	LIVINGSTON		TN
K4AYN	NASHVILLE		TN
KE4CKJ	STAUNTON/EL.KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
KD4UTV	DELAND, FL	103.5	ZZ
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KG4FZR	ATHENS	141.3	TN
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
K4LOL	BOWLING GREEN	156.7	KY
W4NJA	PADUCAH	103.5	KY
N5OCF	RICHTON		MS
KB4BR	MACO		NC
W4VFR	SUMTER/SHAW		SC
N4FV	GREENEVILLE	186.2	TN
WA4MQQ	MEMPHIS		TN
N4VFB	SHELBYVILLE		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4MRM	#LOUISVILLE	151.4	KY
146.4750 / 147.0750			
KK4MW	CARBO		VA
KC4AFH	OAK HILL	100.0	WV
147.6750 / 147.0750			
W4CLA	CLAXTON		GA
W4GR	LAWRENCEVILLE	82.5	GA
KC4VLJ	VALDOSTA	223.0	GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4CCR	NEWTON	88.5	NC
KD4JFN	PITTSBORO	146.2	NC
KT4BU	EASTOVER	156.7	SC
WQ4E	GREENBRIER	107.2	TN
WB4GBI	KNOXVILLE		TN
WF4Q	LEXINGTON	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KE4RWR	BAINBRIDGE		GA
KC4YHM	EATONTON	179.9	GA
K2YRW	YOUNG HARRIS		GA
N4MWA	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
WB5FXH	#SUMNER		MS
W4GDF	GREENVL/ESTN NC		NC
KI4DH	STAR/BISCOE	100.0	NC
K4SHP	MYR BCH/AYNOR		SC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	PAULINE		SC
AC4UW	CENTERVILLE	123.0	TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
N4RAG	MARLINTON	131.8	WV
147.7000 / 147.1000			
W4VM	HUNTSVILLE, AL		ZZ
147.7050 / 147.1050			
WB4RTH	ATLANTA CARES	107.2	GA
KF4DG	PEMBROKE		GA
N4EQT	FRANKFORT	107.2	KY
WA4ZAC	HARLAN		KY
W5SAR	WAYNESBORO		MS
WA4KNI	HENDERSONVILLE		NC
K4ITL	LILLINGTON	82.5	NC
KG4FAN	CASSATT	192.8	SC
KD4NEC	CLEVELAND		TN
K4TC	HENDERSON		TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
KB4ZIN	WILLIAMSBURG		VA
KA8AUW	SPENCER	100.0	WV
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
K4HCA	CLARKESVILLE		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
KD4DVI	PADUCAH	179.9	KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
N4GAS	GASTONIA/SPCR MT		NC
WN4Z	ROCKY MOUNT	131.8	NC
W4GS	MYRTLE BEACH		SC
W4GGM	COLUMBIA	127.3	TN
K4EAJ	HARRIMAN	82.5	TN
N4WAH	MEMPHIS	107.2	TN
WG8S	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	118.8	GA
WR4SG	LAKE PARK	141.3	GA
KE4UWJ	MILLEDGEVILLE	123.0	GA
KF4CME	BARBOURVILLE	100.0	KY
KE4SZK	FRANKLIN	136.5	KY
KF4WMM	SANDY HOOK	107.2	KY
KB5UIX	VOSSBURG	136.5	MS
K4HXZ	BREVARD		NC
K4ITL	CHAPEL HILL	82.5	NC
WA4US	WILMINGTON	67.0	NC
K4CCC	CHESTERFIELD		SC
KG4BZN	WALTERBORO		SC
K4WWV	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
KC8TLG	ROCKPORT	123.0	WV
AA2LD	VINELAND, NJ	156.7	ZZ
147.7500 / 147.1500			
WA4EHO	CEDAR GROVE		GA
WB4GQX	CUMMING		GA
WA4IDS	SAVANNAH		GA
KD4YGK	LEBANON JCT.	79.7	KY
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
K4ITL	ROANOKE RAPIDS	82.5	NC
WD4NUN	MONCKS CORNER		SC
K4EAJ	JOYNER	82.5	TN
WA4PCD	NASHVILLE WEST	114.8	TN
KB4RFN	CLINCHCO	88.5	VA
NJ1K	PATRICK SPRINGS	107.2	VA
KB8YDG	RICHWOOD	100.0	WV
147.7650 / 147.1650			
KE4ZRT	DOUGLAS	141.3	GA
KF4XH	#MACON		GA
N4OME	MADRAS	131.8	GA
N4NEQ	MORGANTON	151.4	GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
W4UA	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
KF4BRS	ERWIN/UNICOI		TN
KC4YLL	PARIS	114.8	TN
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
KE4VNN	LYNCHBURG	141.3	VA
W4CM	NEWPORT NEWS		VA
KA8TCF	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
WB4BDP	WARNER ROBINS	107.2	GA
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE	88.5	KY
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	FORT MILL		SC
W4HNK	#SUMMERVILLE	123.0	SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
KB4YKV	AMELIA COURTHSE		VA
WD4ITN	MONTEREY	100.0	VA
N4NRV	PKS KB/PULASKI	103.5	VA
WD8OHX	LEON		WV
147.7950 / 147.1950			
K4JPD	#AUSTELL	85.4	GA
W4UCJ	BOSTON		GA
KT4SH	CADIZ	103.5	KY
KJ4VF	LEXINGTON		KY
KJ4VF	WINCHESTER	100.0	KY
W5JVK	SILVER CREEK	136.5	MS
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
WD4HEM	FLORENCE	123.0	SC
KC4FV	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
AF4OQ	SARDIS	94.8	TN
WA4RTS	LYNCHBURG	136.5	VA
WT4RA	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH	100.0	WV
146.6100 / 147.2100			
KC4NSE	#POWHATAN		VA
147.8100 / 147.2100			
KI4DZY	BLAIRSVILLE	100.0	GA
KF4GHF	CONYERS	162.2	GA
K4NLX	SAVANNAH		GA
KM4M	BLACK MTN	103.5	KY
K4HY	OWENSBORO	110.9	KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4SLH	ORIENTAL	151.4	NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
W4HPL	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
W8JI	BARNESVILLE		GA
NE4GA	COMMERCE	123.0	GA
KG4ABK	DOERUN		GA
W4RLP	SUMMERVILLE	100.0	GA
KY4SP	LITCHFIELD	179.9	KY
W5BJT	#FRENCH CAMP		MS
KD5VMV	HERNANDO	107.2	MS
WB4SRV	CLAREMONT	162.2	NC
WR4AGC	HILLSBOROUGH		NC
W4DTW	SANTEE		SC
W4DTW	ST. GEORGE		SC
NO4Q	MCEWEN	114.8	TN
WB4OAH	MORRISTOWN		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
KA1OKQ	CONCORD, NH	100.0	ZZ
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KC4QK	ASHLAND	107.2	KY
KC4AI	FRANKFORT	100.0	KY
W4GZ	HAMLIN	91.5	KY
KF4TLT	HYDEN	186.2	KY
W5PPB	PELAHATCHIE	77.0	MS
N5ELS	TUPELO		MS
NC4ML	CARTHAGE		NC
KG4JIA	CHERRY MTN	94.8	NC
W4GHZ	FRANKLIN	151.4	NC
W4IAR	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
KD4TMW	MYRTLE BEACH	85.4	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MT	107.2	VA
AB8WB	GASSAWAY	123.0	WV
147.8550 / 147.2550			
KR4NQ	SNELLVILLE	107.2	GA
AE4PO	WAYCROSS	141.3	GA
N4IOX	#DIXON		KY
K4CO	EDGEWOOD	123.0	KY
K4CO	HIGHLAND HTS.	123.0	KY
KC5RC	LAUREL		MS
WA4KNI	HENDSVL/PENIC		NC
K4ITL	LEVEL CROSS	82.5	NC
W4RRC	LEESVILLE	123.0	SC
AG4UW	CENTERVILLE	123.0	TN
KJ4SI	PETROS/FRZ HD MT		TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#CLINCHCO		VA
KC8CNL	HINTON	100.0	WV
WC8EC	PARKERSBURG		WV
147.8700 / 147.2700			
KF4ZUR	ALLENHURST	162.2	GA
W4VIR	AMERICUS	141.3	GA
KF4GHF	MONROE	162.2	GA
WB4EJK	LOUISVILLE	151.4	KY
KE4AIE	ST. CHARLES		KY
WB5USN	ABERDEEN	210.7	MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH/BENSON		NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WD4BKY	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING		VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
W4PVW	ASHBURN/TIFTON	141.3	GA
KC4ZIZ	ATLANTA		GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
KA4FGA	MARION		KY
N5LRL	CLEVELAND	107.2	MS
N5LJC	COLUMBIA		MS
K5WHB	CORINTH		MS
W4RCW	TRYON		NC
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
KF4JPT	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
W3PS	OCEAN CITY, NJ	156.7	ZZ
147.9000 / 147.3000			
N4ALE	COLBERT	123.0	GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
W4YSB	JEFFERSON	103.5	NC
N4JEX	KANNAPOLIS	136.5	NC
W4MZP	#RED SPRINGS		NC
KE4HHR	CHARLESTON	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS	107.2	TN
W4LG	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON		VA
WB8NSL	HARISVL/PENSBRO	107.2	WV
147.9150 / 147.3150			
AD4EQ	DOUGLAS	141.3	GA
W4STJ	FORSYTH	88.5	GA
W4LJM	#HODGENVILLE		KY
KC4VXR	SALEM		KY
KD5MIS	HATTIESBURG	136.5	MS
N5DWU	WAYNESBORO		MS
KF4HFQ	ROLESVILLE	88.5	NC
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE	118.8	NC
K4JLA	SPARTANBURG		SC
KD4HZN	ROGERSVILLE	114.8	TN
N4ARK	SPARTA	123.0	TN
KE4VQM	TELLICO PLAINS	141.3	TN
K4HWQ	GRUNDY		VA
W3PS	CHESTER, PA	156.7	ZZ
147.9300 / 147.3300			
W4MAZ	COCHRAN	77.0	GA
WB4BXO	LAGRANGE		GA
K4NLX	SAVANNAH	100.0	GA
N4MTN	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
W4JTL	MT. STERLING	103.5	KY
N4IUI	#PROVIDENCE		KY
W5LAF	OXFORD	107.2	MS
N5EPP	PHILADELPHIA		MS
WA4FLR	FAYETTEVILLE		NC
KN4K	LENOIR/HIBRITN	141.3	NC
KF4GHC	COLUMBIA	156.7	SC
WD4ORB	MORGAN COUNTY	82.5	TN
WD4RBJ	PULASKI	100.0	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
K8VE	WESTON	103.5	WV
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
N4PJR	JESUP/SCREVEN	141.3	GA
WD4JZH	LEBANON	151.4	KY
N5PS	GREENVILLE	107.2	MS
N5ZMZ	UTICA		MS
WA4IXW	MADISON	103.5	NC
W4NYR	SHELBY		NC
KF4DTL	SYLVA	151.4	NC
WA4TEP	WASHINGTON		NC
W4ANK	CHARLESTON		SC
K4BBN	CROSS PLAINS		TN
K4PHT	DAYTON		TN
NM4L	ABINGDON	103.5	VA
KC4KMY	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
KB8QXP	LOGAN/SUMERCO	100.0	WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
KQ9Z	LOUISVILLE		KY
W5CJR	HATTIESBURG		MS
KC5QGC	LOUISVILLE		MS
K5SVC	NATCHEZ	100.0	MS
WA4J	BOONE/RICH MTN	103.5	NC
WD4LDB	DURHAM	136.5	NC
W4PET	LUMBERTON		NC
N4EOY	COLUMBIA		SC
KA4OAK	LAFOLLETTE		TN
W4BS	MEMPHIS	107.2	TN
AF4TZ	NASHVILLE		TN
K4KLX	PARIS		TN
KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY	123.0	WV
WV8TC	MIDDLEBOURNE	110.9	WV
K7SOB	SKYLINE	127.3	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD	127.3	GA
W4LAW	LOOKOUT MTN	77.0	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KA5VFU	GULFPORT		MS
KD4EAD	BETHEL	151.4	NC
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KI4CB	GEORGETOWN		SC
K4LEO	#GREENWOOD		SC
KF4CAU	#DICKSON		TN
W4NRV	PEARISBURG	100.0	VA
WD8LNB	GRAFTON	118.8	WV
147.9800 / 147.3800			
WB5NAY	PONTOTOC		MS
147.9900 / 147.3900			
KE4SNT	#BLACK ROCK MT		GA
W4CJB	PEMBROKE		GA
W4OHH	THOMASTON	131.8	GA
N4INT	#ARTEMUS	107.2	KY
WR8CRA	COVINGTON	123.0	KY
KY4OC	CRESTWOOD	151.4	KY
N8QCW	LOUISA	127.3	KY
W5PPB	CHUNKY	77.0	MS
WB4IUY	CLAYTON	88.5	NC
WA4QBG	EDEN/STONEVILLE		NC
WA4CHZ	LOCUST	100.0	NC
K4PPD	#SHALLOTTE	88.5	NC
N4DTR	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	CLARKSVILLE	123.0	TN
K4DPD	DAYTON/RHEA CTY		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
KF4TNP	#RICHLAND	167.9	TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV

220 MHZ

222.1800 / 223.7800			
WD8OHX	#LEON		WV
222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KC4QK	ASHLAND		KY
N4GSM	ROBBINSVILLE		NC
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	SMITHVILLE		TN
AA2LD	MILLVILLE, NJ	156.7	ZZ
222.3800 / 223.9800			
W4CAT	GALLATIN	107.2	TN
W3PS	OCEAN CITY, NJ	156.7	ZZ
222.4200 / 224.0200			
WB4JEH	#CONYERS		GA
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.5000 / 224.1000			
K4SWS	EATONTON	179.9	GA
KA4UHL	NANCY	100.0	KY
KF4TNP	LEWISBURG		TN
K4YW	BRUMLEY MTN	77.0	VA
WB4YHD	FAIRFAX		VA
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	151.4	GA
WM4MD	MIDDLESBORO	82.5	KY
K4ITL	CHAPEL HILL		NC
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL	100.0	WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
WR4BEG	SOPHIS/RANDLEMAN		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
N4HRV	CHARLOTTESVILLE	88.5	VA
N8FWL	LEWISBURG	123.0	WV
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
K4ITL	RALEIGH		NC
N7GZT	COLUMBIA		SC
WR3S	NASHVILLE		TN
KF4VED	BLUEMTN		VA
222.5800 / 224.1800			
N4YDX	DALLAS		GA
N7GZT	ORANGEBURG		SC
KB8FPK	ERWIN		TN
KF4PVQ	MADISONVILLE	141.3	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	#ATLANTA-NE	100.0	GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
W4CBX	BLOUNTVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
222.6200 / 224.2200			
KB0Y	RAY CITY	141.3	GA
AD4CR	VERSAILLES		KY
WD4JWO	JEFERSON	88.5	NC
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KO4BN	SPRINGFIELD		TN
N3HXT	WINCHESTER		VA
KC8LRN	HILLSBORO	131.8	WV
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
KE4QOX	KVILLE/HIPOINT	107.2	NC
N8FWL	BECKLEY	123.0	WV
222.6600 / 224.2600			
KE4QFG	MARIETTA	110.9	GA
K4NLT	GARRETT	79.7	KY
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
N4MNA	CONLEY		GA
AC4RZ	PICKENS		SC
KA4OAK	LAFOLLETTE		TN
K4DHT	MOUNTAIN CITY	103.5	TN
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
KB4TIW	VILLA RICA	131.8	GA
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KF4PVQ	ATHENS	141.3	TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	123.0	GA
KA4SQN	JACKSONVILLE		NC
W4IT	PICKENS/SASFR MT		SC
KK4US	CLEVELAND		TN
223.7200 / 224.3200			
K4TDO	LYNCH		KY
222.7400 / 224.3400			
W4DOC	ATLANTA	146.2	GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
KM4OI	TYSONS CORNER		VA
N8FWL	BECKLEY/OAK HILL	123.0	WV
222.7600 / 224.3600			
N4BZJ	DALTON		GA
WB4PAC	GRIMESLAND		NC
KF4ZDS	MARSHALL		NC
WR3S	LAVERGNE		TN
KE4JSV	LURAY		VA
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	DAHLONEGA	100.0	GA
WR4AMS	META		KY
N4OQJ	KNOXVILLE	100.0	TN
WS4W	RIDGEWAY		VA
222.8000 / 224.4000			
KC4AQS	JASPER	100.0	GA
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
N4RBB	MORRISTOWN		TN
W8COX	SUTTON	123.0	WV
W3PS	POTTSTOWN, PA	156.7	ZZ
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE	123.0	GA
AC4AO	LEXINGTON		KY
N4PJX	CLARKESVILLE	123.0	TN
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNB		VA
WG8S	PATRICK SPRINGS	103.5	VA
WD4KHP	BELL KNOB		VA
222.8400 / 224.4400			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
WB4GUG	GREENSBORO	107.2	NC
KN4CW	WEST SPRINGS		SC
KC4TFQ	#NASHVILLE		TN
N2FUV	SEVIERVILLE		TN
N8FWL	BLUEFIELD	123.0	VA
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
KB0Y	VALDOSTA	141.3	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KC4ZTJ	SHELBY		NC
WR3S	NASHVILLE		TN
222.8800 / 224.4800			
KC4FWC	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
KC8LRN	CRAIGSVILLE	91.5	WV
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	123.0	GA
N4DRL	BYHALIA		MS
AD4DN	WILMINGTON	88.5	NC
KG4JIA	GAFFNEY	123.0	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
K4AIS	PINE LOG MTN		GA
WR4AMS	DORTON		KY
KD4CJG	ASHEVILLE	91.5	NC
N7GZT	LITTLE MTN		SC
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	SPRINGFIELD		TN
WB4PVT	HAMPTON	100.0	VA
N8FWL	BECKLEY - WEST	123.0	WV
222.9600 / 224.5600			
W4RRG	LOOKOUT MT		GA
KD4RXF	LANCASTER		KY
N5CWH	LEESVILLE	162.2	SC
AC4JF	NEWPORT	100.0	TN
K4YW	WYTHEVILLE	77.0	VA
KC8CSE	GREENBANK	123.0	WV
222.9800 / 224.5800			
NX9O	ALPHARETTA	100.0	GA
WB4F	PIKEVILLE		KY
KR4AA	ROCKY MOUNT		NC
KB4VFD	CROSS		SC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
W4UWH	JASPER	100.0	GA
WB4PLA	ASHEVILLE		NC
KC4KUL	#BIG PHOENIX MTN	100.0	NC
KD4TZZ	MURFREESBORO	123.0	TN
W4LG	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL	100.0	GA
KD4DAR	PIKEVILLE		KY
KC4IRA	GASTONIA	127.3	NC
KD4JFN	HAW RIVER	107.2	NC
W4UWH	GATLINBURG		TN
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
W4RRG	LOOKOUT MT.		GA
KG4JIA	CHERRY MTN	71.9	NC
W4RNC	RALEIGH		NC
N7GZT	COLUMBIA		SC
KC4RGQ	MORRISTOWN		TN
N8FWL	HINTON/BECKLEY	123.0	WV
223.0600 / 224.6600			
NP2Y	YOUNG HARRIS	100.0	GA
KE4RQL	BIG KNB/MARS HIL	100.0	NC
WA1YYN	EFLAND	107.2	NC
W4VFR	SUMTER/SHAW		SC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
KJ4VF	STANVILLE	100.0	KY
WB4KPF	WILMINGTON		NC
KA4RCL	WAYNESBORO	131.8	VA
W3PS	EAGLEVILLE, PA	156.7	ZZ
223.1000 / 224.7000			
W4TIY	DALLAS		GA
WB9SZL	CLEMMONS	100.0	NC
KM4TC	DUNCAN	88.5	NC
KD4VUW	GALLATIN		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
WS8L	CHARLESTON	123.0	WV
223.1200 / 224.7200			
W4UWH	CLAYTON		GA
WR4AMS	PRESTONSBURG		KY
WA4DAN	TRENTON		NC
K4MFD	GREENEVILLE	173.8	TN
KC8LRN	SLATY FORK	91.5	WV
223.1400 / 224.7400			
N4KVC	DALTON		GA
KD4WAR	BURNSVILLE		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	NORFOLK	100.0	VA
N8FWL	BECKLEY - SOUTH	123.0	WV
223.1600 / 224.7600			
W4BOC	DECATUR		GA
KJ4VF	MOREHEAD	100.0	KY
KB7BTU	PLYMOUTH	131.8	NC
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
K4PCK	KNOXVILLE		TN
WR3S	S. PITTSBURG		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
KC4KLW	CEDARTOWN	179.9	GA
WD9HIK	HOPKINSVILLE	179.9	KY
WB5OWY	VICKSBURG		MS
N4IV	EDEN	103.5	NC
KO4BR	ORANGEBURG		SC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
W4IY	WOODBRIDGE		VA
223.2000 / 224.8000			
WZ4SC	FORT MILL		SC
WQ4E	GREENBRIAR		TN
KD4IBW	SEVIERVILLE		TN
KC8LRN	LEWISBURG	131.8	WV
KA1OKQ	CONCORD, NH	103.5	ZZ
223.2200 / 224.8200			
KK4C	ATLANTA	77.0	GA
WR4MG	HAWKINSVILLE	107.2	GA
WR4AMS	HAZARD		KY
N4DWU	CANTON		NC
KF4IXK	KERNERSVILLE	107.2	NC
223.2400 / 224.8400			
W4TL	GAINESVILLE	203.5	GA
WR4MG	WARNER ROBINS		GA
WA4NC	BANNER ELK		NC
WA4DAN	GRIFTON		NC
KC4WGH	JOYNER	88.5	TN
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
N8FWL	ANSTED	123.0	WV
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
K4NOC	BISHOPVILLE		SC
KD4CWB	KNOX-SEVIERVILLE	100.0	TN
KQ4Q	PEARISBURG	107.2	VA
223.2800 / 224.8800			
WD4LUQ	YORKVILLE	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
W4JYV	CARY	88.5	NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
N4EQT	LAWRENCEBURG	107.2	KY
N4EOY	COLUMBIA		SC
W4WC	GREENEVILLE	100.0	TN
WD9JGI	SWEETWATER	127.3	TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
W4CSX	SNELLVILLE	100.0	GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
W4RRG	CLEVELAND		TN
WA8O	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
K4AIS	WALESKA/PNLG		GA
AD4RT	IRVINE		KY
N4JJ	FLORENCE		SC
WB4NKM	GREENEVILLE		TN
WA4PCD	NASHVILLE		TN
N2EDE	ROANOKE	107.2	VA
223.3600 / 224.9600			
K4RFL	ATLANTA/MARIETTA	100.0	GA
KC4ZTJ	CHERRYVILLE		NC
N4QVI	GREENSBORO		NC
N4UQS	HENDERSONVILLE		NC
WR3S	SE NASHVILLE		TN
W3PS	CHESTER, PA	156.7	ZZ
223.3800 / 224.9800			
W4RRG	JASPER	100.0	GA
WR4AMS	LONDON		KY
W4LG	CHESAPEAKE		VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

440 MHZ

426.0500 / 420.0500
K4CQ LYNCHBURG .....136.5 VA
434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
WD4ATV JOHNSON CITY/BUF ..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV
439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
N4GUP LEXINGTON ..... SC
WZ4O SUMTER ..... SC
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA
438.8000 / 433.2000
WD4ICX FANCY GAP ..... VA
445.7500 / 440.7500
N4NSP #ITENERANT .....123.0 VA
446.2500 / 441.2500
NQ4Y MONTEAGLE MT. ..... TN
446.3500 / 441.3500
KD4DXR #WALESKA ..... GA
WA4USN KNIGHTSVILLE ..... SC
446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC
446.5250 / 441.5250
N4KJU PAINTSVILLE .....127.3 KY
KG4AQH GREELEYVILLE ..... SC
446.6000 / 441.6000
WA4AYB RICHMOND ..... VA
446.6250 / 441.6250
W4ERT TAYLORSVILLE .....123.0 NC
446.7000 / 441.7000
N4JNE POPS PEAK ..... VA
446.7750 / 441.7750
K4IJ ROANOKE ..... VA
446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
AF4MI PEMBROKE .....123.0 GA
AD4CC UNION .....179.9 KY
445.8250 / 441.8250
K4WYV SEVIER/PINE MT .....88.5 TN
446.8250 / 441.8250
KA4MLK ROME .....100.0 GA
446.8500 / 441.8500
KC4YVV DALTON .....100.0 GA
KF4QLF GRIFFIN ..... GA
KY4JD FORT WRIGHT ..... KY
446.8750 / 441.8750
W4LAW DALTON .....100.0 GA
K4NRC NEWNAN .....156.7 GA
KF4BJO GAFFNEY .....123.0 SC
WB4TWX SIX MILE .....100.0 SC
KD4TZZ MURFREESBORO .....107.2 TN
446.9000 / 441.9000
WB4GQX CUMMING .....141.3 GA
N2QJI ZIRCONIA .....94.8 NC
AG4VT PACOLET .....100.0 SC
K7SOB THOMAS .....103.5 WV
446.9250 / 441.9250
W4CSX DALLAS .....162.2 GA
446.9500 / 441.9500
KE4OKD SANDY SPRINGS .....156.7 GA
K4TUE NEWPORT .....107.2 VA
446.9750 / 441.9750
WB4ULK COLUMBUS ..... GA
NE4GA COMMERCE .....123.0 GA
KG4BTN GREENSBORO .....162.2 NC
447.0000 / 442.0000
WB6RTH ALPHARETTA .....107.2 GA
AF4UL MACON .....100.0 GA
N4ORL LOUISVILLE ..... KY
N4HAJ KINSTON .....88.5 NC
AI4M GAFFNEY .....114.8 SC
K4TTC HOHENWALD ..... TN
K4BTL MARYVILLE ..... TN
W4LG GASBURG ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA
447.0250 / 442.0250
W4CML ATLANTA .....127.3 GA
KD4KMK YADKINVILLE .....100.0 NC
WJ9J CHATTANOOGA ..... TN
447.0500 / 442.0500
N1KDO MARIETTA .....107.2 GA
KD4ADJ MT. STERLING .....100.0 KY
WA1YYN EFLAND .....107.2 NC
WD4HEM TIMMONSVILLE .....123.0 SC
KD4XV JASPER .....127.3 TN
WB4SQC JOHNSON CITY .....100.0 TN
WA4BJY MEDINA ..... TN
447.0250 / 442.0750
W8BLA ROSWELL ..... GA
447.0750 / 442.0750
N4VOS STANTON ..... KY
KD4PBS APEX .....114.8 NC
K4JLA COLUMBUS .....103.5 NC
N4JDW WILMINGTON .....88.5 NC
KJ4BJ DAYTON ..... TN
KA4BNI LEXINGTON .....107.2 TN
KF4UCI CHARLOTTESVILLE .....151.4 VA
K4IJ MAX MEADOWS .....107.2 VA
447.1000 / 442.1000
K4HUM NORCROSS .....100.0 GA
N4RBL LOUISVILLE AREA ..... KY
K4USC UNION ..... SC
KF4TNP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN
KQ4CI #ASHBURN ..... VA
447.1250 / 442.1250
W4ZT ATL/UNION CITY .....100.0 GA
KD4GRU BLUERIDGE .....146.2 GA
KG4IWI HENDERSON .....88.5 NC
WT4IX NEWEL .....156.7 NC
WT4F PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA
447.1500 / 442.1500
KD4RTR DORTON .....167.9 KY
W4UNC CHAPEL HILL .....131.8 NC
N4SJW CHARLESTON ..... SC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
WD4RBJ PULASKI .....118.8 TN
KA4CBB CHESTERFIELD ..... VA
447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
KC4UBR LINVILLE .....136.5 NC
KE4GYN ROXBORO .....156.7 NC
WA4US WILMINGTON ..... NC
KU4ZS GRNVLE/GLASSY .....123.0 SC
W4GMM MEMPHIS .....107.2 TN
W4VSP WYTHEVILLE .....103.5 VA
447.2000 / 442.2000
KF4SKT BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
AA5SG ELLISVILLE .....167.9 MS
WA4US WILMINGTON ..... NC
N7GZT COLUMBIA .....162.2 SC
WM4T GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA
447.2250 / 442.2250
WB5EGI ATLANTA .....100.0 GA
AB4JJ MT. MITCHELL .....107.2 NC
WJ9J RCKWOOD/OZONE ..... TN
NO4Q WAVERLY .....110.9 TN
447.2500 / 442.2500
K4HAC MADRAS .....141.3 GA
AA5SG ELLISVILLE .....136.5 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4PGI COVINGTON .....100.0 VA
447.2750 / 442.2750
K4DDH MACON .....100.0 GA
N4ZCM AUBURN ..... NC
KO0NTZ LEXINGTON .....146.2 NC
KF4CFO ATHENS .....141.3 TN
KE4PFW HENDERSON ..... TN
K8VKB RICHWOOD .....123.0 WV
447.3000 / 442.3000
KW4KW RINGGOLD .....118.8 GA
WW4T STATHAM ..... GA
KC4QPR MORG/WALKER TOP .....94.8 NC
KC4ED SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA
447.3250 / 442.3250
W4JLG MABLETON ..... GA
WM4MD MIDDLESBORO .....67.0 KY
K2IMO ELM CITY .....88.5 NC
KB4GHT HILLSVILLE .....103.5 VA
447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KG4PTO COLLEGE PARK .....OT GA
KE4SZK RUSSELLVILLE .....136.5 KY
KF5TU LAKE GASTON .....100.H NC
WA4YGD LINCOLNTON ..... NC
KE4VNN LYNCHBURG .....136.5 VA
KF5TU MCKINNEY, TX .....100.0 ZZ
447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
WA4PXV HICKORY ..... NC
KG4HDZ CUMBERLAND FU .....123.0 TN
447.4000 / 442.4000
W2SJB DULUTH .....100.0 GA
N4UER WARM SPRINGS ..... GA
KF4JJD GARRETT .....79.7 KY
AA4XV LATONIA ..... KY
WB4QHF PICKENS/CSRS HD .....127.3 SC
KA4BNI HORNBEAK .....107.2 TN
KF4YI LYNCHBG/JACK MT.....107.2 VA
447.4250 / 442.4250
K4SWS EATONTON ..... GA
WK4E KENNESAW ..... GA
KC4FIE MADISONVILLE ..... KY
K4AE #LEXINGTON .....107.2 NC
WD4CWY NEWBERRY .....91.5 SC
AF4ZJ CHAT/WALDEN ..... TN
KA4BNI JACKSON .....107.2 TN
447.4500 / 442.4500
W4CML SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA .....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NED CLEVELAND .....88.5 TN
W8MOP BLUEFIELD ..... VA
WA3KOK CHESTERFIELD .....107.2 VA
447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
W1MED MARLOW .....114.8 GA
W4RRG ROSSVILLE .....100.0 GA
KE4DGP WILKESBORO .....107.2 NC
AG4AN FOREST ..... VA
W8CH CHAPMANVILLE .....123.0 WV
W8CH CHAPMANVILLE .....123.0 WV
447.5000 / 442.5000
W4PSZ PEACHTREE CITY .....77.0 GA
KE4PMP VIDALIA .....88.5 GA
KB4RYM LOUISVILLE ..... KY
K4GFY MOREHEAD ..... KY
KG4JIA CHERRY MTN .....94.8 NC
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
K1YJ NASHVILLE .....107.2 TN
W4CA ROANOKE/POOR MT ..... VA
447.5250 / 442.5250
N4XQM ATLANTA .....110.9 GA
W6IZT BLAIRSVILLE .....100.0 GA
KY4JD FORT WRIGHT .....123.0 KY
N2QJI CONCORD .....94.8 NC
WB3T WYTHEVILLE .....103.5 VA
447.5500 / 442.5500
WB4JEH CONYERS .....151.4 GA
WD4ELX LOUISVILLE ..... KY
WA4TOG ASHEVILLE ..... NC
K1BUD PITTSBORO ..... NC
K4EZK TELLICO PLAINS .....141.3 TN
W4RAT RICHMOND .....74.4 VA
447.5750 / 442.5750
WA4BPY CUMMING .....79.9 GA
AE4LW MADISONVILLE .....100.0 KY
W4MLU RALEIGH ..... NC
KU4RT HENDERSON ..... TN
WB4IVB JONESVILLE .....100.0 VA
447.6000 / 442.6000
KD4FOC DUBLIN .....77.0 GA
WA4OKJ MARIETTA .....100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL .....151.4 NC
WA4PXV VALDESE ..... NC
N8ITF SPRINGFIELD ..... TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
K4VJM CLEVELAND .....100.0 GA
W4YMT HARLAN .....100.0 KY
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
W4RRG LOOKOUT MT .....100.0 GA
KD4GEU ASHEVILLE ..... NC
N4IBM CHARLOTTE .....88.5 NC
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
447.6750 / 442.6750
KE4PVE ATLANTA .....100.0 GA
KD4BOH ROCKPORT .....77.0 KY
KA2NAX MORAVIAN FALLS .....88.5 NC
W4ATC RALEIGH .....100.0 NC
WA4MPZ BLUFFTON .....100.0 SC
W4RRG CLEVELAND .....100.0 TN
KA4BNI CONCORD .....107.2 TN
447.7000 / 442.7000
KC4ZGN ELLIJAY .....77.0 GA
W4MAZ MACON .....97.4 GA
K4NLX SAVANNAH ..... GA
KC4YOT GASTONIA .....100.0 NC
N4FV GREENVILLE ..... TN
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE .....151.4 KY
N5LRQ VOSSBURG .....167.9 MS
AA4LB SIMPSONVILLE .....100.0 SC
W4RDM COLUMBIA ..... TN
KE4MBR DECATUR .....141.3 TN
KF4RMT BASSETT .....107.2 VA
KB8PCW GILBERT ..... WV
447.7500 / 442.7500
N3DAB JASPER .....141.3 GA
KD4HEY ABBEVILLE .....162.2 SC
KE4SWV CASTALIAN SPRING .....123.0 TN
KN4E ELIZABETHTON .....88.5 TN
WD4KZK ROANOKE/MILL MT .....107.2 VA
447.7750 / 442.7750
KB4TIW VILLA RICA .....131.8 GA
KC4FIE MADISONVILLE ..... KY
KI4ASR ARCHDALE .....127.3 NC
KG4LWG GASTONIA .....123.0 NC
KF4CDR CHARLESTON ..... SC
AE4PZ MOUNTAIN REST .....127.3 SC
N4GMT ARLINGTON .....107.2 TN
KE4CIF PULASKI ..... VA
447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE .....100.0 NC
WD4LUR LAKE CITY .....100.0 TN
KA4BNI SELMER .....107.2 TN
KB4MIC GUM SPRING ..... VA
447.8250 / 442.8250
W1CP CLAYTON .....162.2 GA
KC4ENL HAPEVILLE .....167.9 GA
K4ITL LEVEL CROSS .....82.5 NC
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB4HJG LAWRENCEVILLE .....82.5 GA
AG4AZ BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO .....103.5 WV
447.8750 / 442.8750
K4RFL ATLANTA/MARIETTA .....100.0 GA
W4MAZ COCHRAN .....77.0 GA
W4GSO GREENSBORO .....88.5 NC
KC4WHL HARRIMAN .....136.5 TN
KF4OCK LORETTO .....203.5 TN
447.9000 / 442.9000
KF4RLZ LAWRENCEVILLE .....123.0 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE .....88.5 NC
N4WT CHATT/HIXSON ..... TN
KA1FFO CLARKSVILLE .....110.9 TN
KE4CES JACKSON .....114.8 TN
W4MT NEWPORT NEWS .....100.0 VA
447.9250 / 442.9250
WB4RL LITHIA SPRINGS .....100.0 GA
K4CH LEXINGTON .....107.2 NC
N5YKR LEXINGTON .....123.0 TN
WD4OAR WHITE OAK MT .....100.0 TN
KB8QKM CHARLESTON .....71.9 WV
447.9500 / 442.9500
AA4AI ATHENS .....179.9 GA
N4XGI ST SIMONS ISLAND .....131.8 GA
W4TSI SURF CITY .....118.8 NC
W4ERT TAYLORSVILLE .....151.4 NC
KB9EBA LENOIR CITY ..... TN
KC4YLL PARIS .....123.0 TN
AB4FU LYNCHBURG ..... VA
W4VB NORFOLK .....131.8 VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
AG4TY WAYNESBURG ..... KY
KF4DAR KERNERSVILLE .....107.2 NC
NK4W LITTLE MT .....162.2 SC
KB8KSP ABINGDON .....100.0 VA
448.0000 / 443.0000
W4DXX BAINBRIDGE .....100.0 GA
W4DRC CHATSWORTH ..... GA
KE4ZRT DOUGLAS .....141.3 GA
KT4GB BARDSTOWN ..... KY
KD4DVI PADUCAH .....179.9 KY
KI4RK GOLDSBORO .....100.0 NC
AG4GW CHERAW .....123.0 SC
KW4LS LEBANON .....100.0 TN
W4ZJM MEMPHIS .....*# TN
KM4X WHITETOP MT .....103.5 VA
N8HZ HUNTINGTON ..... WV
448.0250 / 443.0250
W4CML ATLANTA .....127.3 GA
WA4RVB WRIGHTSVILLE .....156.7 GA
KE4OOL LEXINGTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING .....77.0H WV
448.0500 / 443.0500
N1IP SNELLVILLE ..... GA
W1WBT SAURATOWN MTN .....136.5 NC
N8FWL BECKLEY .....123.0 WV
W3PS CHESTER, PA .....156.7 ZZ
448.0750 / 443.0750
WA4EOC CANTON .....107.2 GA
WX4EMA MACON .....156.7 GA
WR4BEG SOPHIA/RANDLEMAN..... NC
KA4AZQ KNOXVILLE .....100.0 TN
KC8SDN FLATWOODS .....123.0 WV
448.1000 / 443.1000
N4KHQ DAHLONEGA .....100 GA
N4WJS OWENSBORO .....110.9 KY
KE4QOX SAURATOWN MT .....88.5 NC
KI4D ROCK HILL .....162.2 SC
KF4TNP BRICK CHURCH .....167.9 TN
KA4JXT MEMPHIS .....107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL .....107.2 WV
448.1250 / 443.1250
KG4PUW STOCKBRIDGE .....100.0 GA
KU4ML FOSTER ..... KY
KB4PQA CRAB CREEK TWP ..... NC
WA4NNA RALEIGH ..... NC
KT4OL CHATTANOOGA ..... TN
KT4OL CHATTANOOGA ..... TN
KA4JXT FISHERVILLE ..... TN
KC4PRD GOODLETTSVILLE .....107.2 TN
WB3T MARION .....103.5 VA
448.1500 / 443.1500
KF4XH BYRON ..... GA
W4PME ROSWELL/BELL .....100.0 GA
KD4PBC MIDDLESBORO .....146.2 KY
W4HG SALISBURY .....136.5 NC
KD4PBC GATLINBURG .....146.2 TN
KD4PBC TRI-CITIES .....146.2 TN
K8MHR ST. ALBANS ..... WV
448.1750 / 443.1750
K4AIS CARTERSVILLE .....100.0 GA
KC4COV FLORENCE .....131.8 KY
KD4HLH LAURENS .....146.2 SC
KG4GCZ MT PLEASANT .....107.2 TN
WG8S PATRICK SPRINGS ..... VA
448.2000 / 443.2000
K4YC MCINTYRE .....77.0 GA
KD4APP PINE LOG MT .....103.5 GA
KC4FWC #STANFIELD .....77.0 NC
KC4WDI YOUNGSVILLE .....88.5 NC
W4WC GREENEVILLE .....100.0 TN
W4BS MEMPHIS .....107.2 TN
KB4YKV AMELIA ..... VA
448.2250 / 443.2250
WA4DIW JONESBORO ..... GA
KD4TAH FRANKLIN ..... KY
KS4TO WADDY ..... KY
W8EMX HUNTERSVILLE .....110.9 NC
N4ZCM RALEIGH ..... NC
W3FCC TELLICO PLAINS .....141.3 TN
W8LG BECKLEY/BOLT ..... WV
448.2500 / 443.2500
KC4JNN BISKEY MTN .....100.0 GA
KJ4VF DORTON ..... KY
KJ4VF MOREHEAD .....100.0 KY
N4JEX CHINA GROVE .....136.5 NC
448.2750 / 443.2750
KC4KLW ROCKMART .....179.9 GA
KF4TLA ASHEVILLE .....103.5 NC
WA4WTX ROUGEMNT/RED MT .....100.0 NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4AWI LEBANON .....107.2 TN
448.3000 / 443.3000
WW4GA ATHENS ..... GA
KA4ZTY LINDALE .....127.3 GA
KB5DZJ WIGGINS .....167.9 MS
KB4TOH COLUMBIA .....131.8 NC
AI4M FOREST CITY .....114.8 NC
KA7UEC COLLIERVILLE .....107.2 TN
WA4KJH GATLBG/COVE MT .....127.3 TN
WS8L CHARLESTON .....123.0 WV
448.3250 / 443.3250
N4JMD STOCKBRIDGE ..... GA
WA4CMO FRANKFORT ..... KY
KF4IXK KERNERSVILLE .....131.8 NC
W3FCC MADISONVILLE .....141.3 TN
WB3T DISMAL PEAK .....103.5 VA
448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH .....71.9 GA
K4ULW LOUISVILLE SW ..... KY
W5CJR PETAL ..... MS
N4JEX KANNAPOLIS .....136.5 NC
W4IQQ GRNVLE/PARIS MT ..... SC
WA4AWI DEASON .....107.2 TN
K4GX ROGERSVILLE ..... TN
N8LHL ROCKPORT .....123.0 WV
KA1OKQ PETERBORO, NH .....110.9 ZZ
448.3750 / 443.3750
KC4AQS JASPER .....100.0 GA
W1IFL RALEIGH ..... NC
KF4DYE SEYMOUR .....156.7 TN
W4RCT INDEPENDENCE .....103.5 VA
KC8SDN RICHWOOD .....123.0 WV
448.4000 / 443.4000
WB4GWA CONCORD .....118.8 GA
N1IB CUMMING .....107.2 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
N0SU BRYSON CITY .....151.4 NC
AD4DN WILMINGTON .....88.5 NC
AC4WW AIKEN .....107.2 SC
WA4QWW MEMPHIS ..... TN
448.4250 / 443.4250
KD4CPO BRUNSWICK ..... GA
AE4JO EMERSON .....103.5 GA
KB4MDE JASPER ..... GA
KD4RTR MILLARD ..... KY
WA1YYN RES. TRIANGLE PK.....156.7 NC
448.4500 / 443.4500
WC4RAV COBB COUNTY .....103.7 GA
KB4VAK HIGH PT/LOOKT MT.....77.0 GA
AE4NU COX'S CREEK .....151.4 KY
KZ4G FLATWOODS .....107.2 KY
KC5LCW GAUTIER .....123.0 MS
N5WXD WEST POINT ..... MS
N4VOZ STATESVILLE ..... NC
AC4RZ HICKORY TAVERN .....162.2 SC
KE4PJW NASHVILLE .....107.2 TN
KC4RBA LYNCHBURG .....186.2 VA
448.4750 / 443.4750
W4EEE BOGART ..... GA
WB4QOJ DALLAS .....77.0 GA
KC4COV BEAVERLICK .....131.8 KY
KE4UIU CANTON .....156.7 NC
W4UNC CHAPEL HILL .....131.8 NC
WZ4SC FORT MILL ..... SC
KB8YDD RICHWOOD ..... WV
KE4LRX HUNTSVILL, AL ..... ZZ
448.5000 / 443.5000
N4MTA MARIETTA ..... GA
WD9EQC LOUISVILLE ..... KY
KF4BRO MAYSVILLE .....123.0 KY
WB4UBY META ..... KY
W5SAR WAYNESBORO ..... MS
AB4JJ WEST JEFFERSON .....107.2 NC
N5CWH LEESVILLE .....162.2 SC
KD4CWB KNOXVILLE ..... TN
448.5250 / 443.5250
N4PQR KNOXVILLE .....114.8 GA
KC4KLW ROME .....179.9 GA
KD4EVB BURLINGTON .....107.2 KY
N4EUX LENOIR/CAJAH MT ..... NC
KD4MJO SOUTH HILL .....100.0 VA
448.5500 / 443.5500
KK4IN DACULA ..... GA
KE4WLP GRIFFIN ..... GA
N4HZX GRAEFENBURG ..... KY
W5SAR WAYNESBORO ..... MS
KC4XE WILKESBORO .....94.8 NC
WB4LRD CHATTANOOGA ..... TN
448.5750 / 443.5750
KD4NTF CEDARTOWN .....107.2 GA
WA4PXV AIR BELLOWS GAP ..... NC
KA6UHV COLLEGEDALE .....131.8 TN
W4LYR LEBANON .....100.0 TN
KC8AUY RICHWOOD ..... WV
448.6000 / 443.6000
KA5WZY ATLANTA .....146.7 GA
KA4UHL NANCY .....100.0 KY
K4EG BURLINGTON .....123.0 NC
N4DWU MT MITCHELL .....114.8 NC
W4TLB BIG SANDY .....114.8 TN
KC8PFI KENOVA .....162.2 WV
448.6250 / 443.6250
K4MDS GRAY ..... GA
KF4OYP JASPER .....100.0 GA
KF4NTQ GEORGETOWN ..... KY
AA5RZ JACKSON, EAST ..... MS
W4EUS RES. TRIANGLE PK..... NC
KE4EAN COWPENS .....136.5 SC
KA7UEC COLLIERVILLE .....107.2 TN
AD4QG EVA ..... TN
KC4MJN JAMESTOWN .....100.0 TN
WZ8E BLUEFIELD .....100.0 WV
KC8SDN RICHWOOD .....123.0 WV

448.6500 / 443.6500
W4CML ATLANTA .....123.7 GA
N4WJS OWENSBORO .....110.9 KY
W5NRU LAUREL .....100.0 MS
K4AIH ANDRWS/ROBINSVL ..... NC
KD4WAR BURNSVILLE ..... NC
KG4BTN GREENSBORO .....88.5 NC
WA4AXH NOLENSVILLE ..... TN
KG4NJA HAMPTON .....173.8 VA
KC8SDN CRAIGSVILLE .....123.0 WV
448.6750 / 443.6750
N4GWO BARNESVILLE ..... GA
K4WOC CALHOUN .....100.0 GA
KD4FRP CROWDER'S MT ..... NC
AD4LR PARIS ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
KS4KX ROANOKE/POOR MTN.... VA
448.7000 / 443.7000
W4TIY DALLAS ..... GA
KY4KY BROOKS .....151.4 KY
K5PN HATTIESBURG .....136.5 MS
N5WDG RIDGELAND .....77.0 MS
KE4QOX KVILLE/H POINT .....103.5 NC
WA4LBT LOCUST ..... NC
N4JEH NASHVILLE .....107.2 NC
K4VVM BARTLETT .....107.2 TN
AG4VW CENTERVILLE .....100.0 TN
KB4OTK LAFOLLETTE ..... TN
KB8UJG PRINCETON .....123.0 WV
448.7250 / 443.7250
KB2DZA CONYERS .....77.0 GA
KE5LT PICAYUNE .....179.9 MS
K4GWH GRAHAM .....156.7 NC
KC4KPJ CLOVER .....127.3 SC
W1ARN NASHVILLE .....107.2 TN
W3FCC SWEETWATER ..... TN
N8SNY WELCH ..... WV
448.7500 / 443.7500
K4GO COVINGTON .....146.2 GA
KF4BMG #MARIETTA .....79.7 GA
KK4WH WHITESBURG .....107.2 KY
KC4ZTI GASTONIA/CRWDR ..... NC
K4WWV ALAMO ..... TN
WA4OHX HAMPTON .....100.0 VA
KC3FB PATRICK SPRINGS .....77.0 VA
448.7750 / 443.7750
N4YF SUGAR HILL .....82.5 GA
KF4INN VERSAILLES ..... KY
WB4SRV CLAREMONT .....118.8 NC
KD4JFN HAW RIVER .....107.2 NC
KF4Y LAURENS .....141.3 SC
KA4MHJ SPENCER .....123.0 TN
448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA .....151.4 GA
K4MSU MURRAY .....91.5 KY
N5IAT NATCHEZ ..... MS
KC4QZL MORGANTON ..... NC
W4HNK MT PLEASANT .....123.0 SC
KD4CWB KNOXVILLE .....100.0 TN
KG4NRC NASHVILLE .....123.0 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
W4POX PORTSMOUTH ..... VA
KA8OTX OAK HILL ..... WV
448.8250 / 443.8250
KD4HPD STONE MTN .....123.0 GA
KD4EVB FALMOUTH .....107.2 KY
K4AVY PRESTONSBURG .....127.3 KY
N5ZNS GLOSTER ..... MS
KC4FWC #LAURINBURG .....77.0 NC
KI4BMD JACKSON .....114.8 TN
KI4BMD JACKSON .....114.8 TN
KC4KRM SHELBYVILLE ..... TN
KF4RMT MARTINSVILLE .....107.2 VA
WB4KZI PETERSBURG ..... VA
448.8500 / 443.8500
K4PLM #WALESKA .....192.8 GA
KC4YOZ DALLAS CHLT .....100.0 NC
WA4US WILMINGTON ..... NC
N4ULM FRANKLIN ..... TN
KE4OVN LANEVIEW .....107.2 TN
KQ4I DANVILLE ..... VA
KB8TGK HUNTINGTON .....88.5 WV
448.8750 / 443.8750
KD4LXT ATLANTA ..... GA
KC4KPW PINEY KNOB .....103.5 NC
WO4U CROSSVILLE .....88.5 TN
KD4KPV MCKENZIE ..... TN
WC4EOC NO CITY LISTED ..... TN
W4DUM WILLIS ..... VA
W8SP FAIRMONT ..... WV
448.9000 / 443.9000
K4RHJ FLOWERY BRANCH .....131.8 GA
KC4KZT DAVID .....167.9 KY
W4UA HIGH POINT ..... NC
W4GWD GREENWOOD .....107.2 SC
KD4HII CHATTANOOGA ..... TN
W4KOC WHITE HOUSE .....107.2 TN
KC8CNL HINTON .....100.0 WV
448.9250 / 443.9250
KQ4XL MONROE .....123.0 GA
W4BAB RINGGOLD ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
KF4GUZ #SPRUCE PINE ..... NC
KE4KNZ MCEWEN .....107.2 TN
K4DHT MOUNTAIN CITY .....103.5 TN
KF4AGO SOUTH BOSTON ..... VA
448.9500 / 443.9500
KA4UFM DECATUR .....110.9 GA
W4LJM CANE VALLEY ..... KY
KG4WCQ EARLINGTON .....179.9 KY
N5ZDF HAZLEHURST .....100.0 MS
KD4OWV CHARLOTTE ..... NC
WA1YYN HILLSBOROUGH .....114.8 NC

WA4US WILMINGTON ..... NC
KD4OBX KNOXVILLE ..... TN
N4ER MEMPHIS ..... TN
W4UOT WINCHESTER .....107.2 TN
448.9750 / 443.9750
KB4NPO REX ..... GA
K4TDO HAZARD .....103.5 KY
N4KWT LOUISVILLE .....100.0 KY
KI4CGV EDEN/REIDSVILLE ..... NC
N4VDE LIBERTY .....103.5 SC
WR3S LAVERGNE ..... TN
KA4WJS ROCKWOOD ..... TN
N8FIP WESTON ..... WV
449.0000 / 444.0000
WB4QDX LAWRENCEVILLE .....127.3 GA
WD4AFY #SAVANNAH ..... GA
AD4RT IRVINE ..... KY
K9OWU PADUCAH .....179.9 KY
W5PFR CLINTON .....100.0 MS
K4JEQ HICKORY ..... NC
KI4RK SELMA ..... NC
W4ULH FLORENCE ..... SC
WD4BKY GALLATIN ..... TN
KD4CWB KNOXVILLE .....100.0 TN
W4RRG SOUTH PITTSBURG .....100.0 TN
W4CAR CHESAPEAKE .....162.2 VA
N4TZE LYNCHBURG .....103.5 VA
KC8IT MULLENS ..... WV
449.0250 / 444.0250
W4CML LAWRENCEVILLE .....127.3 GA
AE4PO WAYCROSS .....141.3 GA
KD4JFN HIGH POINT .....107.2 NC
WC4EOC FRANKLIN ..... TN
K4CRS KINGSTON ..... TN
K4RDK MEMPHIS ..... TN
WB3T ABINGDON .....103.5 VA
449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA .....151.4 GA
KE4NLL SALYERSVILLE .....127.3 KY
KB4PTJ WILLIAMSBURG .....100.0 KY
N4JDW WILMINGTON .....88.5 NC
W1WBT LAKE WYLIE .....136.5 SC
N4PYI NASHVILLE .....107.2 TN
WB3T FANCY GAP .....103.5 VA
KB4OLM STUARTS DRAFT ..... VA
449.0750 / 444.0750
W4FWD CARROLLTON .....131.8 GA
KB8SBN INDEPENDENCE .....110.9 KY
KD4BOH ROCKPORT .....77.0 KY
K4CCR ANDSN MT/DENVER .....88.5 NC
N4JDW BURGAW .....88.5 NC
WA4TCC SCOTLAND NECK .....156.7 NC
KC4PDQ MARYVILLE .....100.0 TN
KF4ATY MEMPHIS .....107.2 TN
KG4UHH NUNNELY .....100.0 TN
KD4TBC GRETNA/SMITH MT .....123.0 VA
K8OJC HURRICANE ..... WV
KC8FZH MOUNDSVILLE ..... WV
449.1000 / 444.1000
WR4CW ATLANTA/GLENRI .....100.0 GA
W4WSM BOWLING GREEN ..... KY
N4UL LOUISVILLE .....173.8 KY
KB5BRZ MERIDIAN .....131.8 MS
WR4AGC DURHAM ..... NC
KC4AC LANCASTER ..... SC
W4AM CHATTANOOGA ..... TN
KE4FH JOHNSON CITY ..... TN
KA4JXT MEMPHIS ..... TN
KE4CKJ STAUNTON/EL KNOB.....131.8 VA
KB4ZIN WILLIAMSBURG ..... VA
N8ILO PARKERSBURG (OH)..... WV
449.1250 / 444.1250
AF4PX KINGSTON ..... GA
KB8QLC LEXINGTON .....88.5 KY
WB4GUG MCLEANSVILLE ..... NC
KC4ECD LAFAYETTE .....107.2 TN
KA4JXT MEMPHIS .....107.2 TN
N8LVE BECKLEY ..... WV
N8RCG KEYSER .....103.5 WV
449.1500 / 444.1500
W4PME ATLANTA/BELL .....100.0 GA
WB4IVB MIDDLESBORO .....100.0 KY
WD5BJT CLERMONT HARBR .....77.0 MS
WB5YCR NEW ALBANY ..... MS
K4JDR #CLAYTON .....100.0 NC
AG4EI GASTONIA/CRWDR ..... NC
W4GL SUMTER .....123.0 SC
KE4LQY CHATTANOOGA ..... TN
AF4TZ NASHVILLE .....107.2 TN
KI4ZR LEXNGTN/ROCK MT..... VA
KA1OKQ PEMBROKE, NH ..... ZZ
449.1750 / 444.1750
KE4PVE COVINGTON .....100.0 GA
KC4COV COVINGTON .....131.8 KY
W4FBC LILLINGTON .....118.8 NC
KF4L CLARKSVILLE .....123.0 TN
W2GLJ GERMANTOWN ..... TN
KN4QB KNOXVILLE .....203.5 TN
K4IJ ROANOKE/POOR MTN....103.5 VA
N8FMD CLARKSBURG .....103.5 WV
449.2000 / 444.2000
KR4PF MARION .....100.0 KY
KD4RTR PIKEVILLE ..... KY
WB4YNF #AHOSKIE .....131.8 NC
KE4QEA #KING/SAURATOWN .....100.0 NC
WA4US WILMINGTON ..... NC
KF4GHC LEXINGTON .....156.7 SC
KD4HII CHATTANOOGA ..... TN
K4MFD GREENEVILLE .....173.8 TN
N4ARK NASHVILLE ..... TN
WB4VWR ENON ..... VA
W8FES FLATWOODS ..... WV
449.2250 / 444.2250

KE4SJO WOODSTOCK ..... GA
KF4RBD RINEYVILLE .....151.4 KY
K4GWH GREENSBORO .....146.2 NC
W4NCS KNOXVILLE .....100.0 TN
N4ARK NASHVILLE .....114.8 TN
WV8AR CHARLESTON .....123.0 WV
449.2500 / 444.2500
W4BOC DECATUR ..... GA
KF4DC GLASGOW/CVCTY ..... KY
WA4KNI HENDSVL/BERWLW ..... NC
N4EWS LOUISBURG .....88.5 NC
K4SER WILLIAMSTON .....131.8 NC
WA4PAJ BARTLETT ..... TN
WQ4E GREENBRIER ..... TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
N8ZAR BUCKHANNON ..... WV
449.2750 / 444.2750
N4CHC BUCHANAN ..... GA
K4JLG CORNELIA .....100.0 GA
K4DDH GRAY .....100.0 GA
KF4IFC CORBIN .....79.7 KY
KU4MJ DAWSON SPRINGS ..... KY
NC4BJ BUIES CREEK .....131.8 NC
W4NC WINSTON-SALEM ..... NC
W4GZX CLEVELAND ..... TN
WA4AXH LEBANON ..... TN
W4RDF #PRINCE GEORGE .....103.5 VA
KC8CSE DUNMORE .....123.0 WV
449.3000 / 444.3000
KC4GZX ATHENS/CRAWFORD .....127.3 GA
KC4YNY HOGANSVILLE ..... GA
KD4RTR ELKHORN CITY .....167.9 KY
KG4JNM LOUISVILLE .....156.7 KY
N4DRL BYHALIA ..... MS
KC5RC HEIDELBERG .....100.0 MS
WA4VTX ELIZABETH CITY .....131.8 NC
W4ZO MONROE .....100.0 NC
N4MNH CHARLESTON ..... SC
WB4GBI KNOXVILLE ..... TN
WA4BZU NASHVILLE .....107.2 TN
K4BW ACCOMACK .....156.7 VA
KI4ZR LEXINGTON ..... VA
W4XE HUNTSVILLE, AL ..... ZZ
449.3250 / 444.3250
KF4BMG MARIETTA .....79.7 GA
KF4AUF HOLLY SPRINGS .....100.0 NC
W4NYR SHELBY ..... NC
WA4BZU CLARKSVILLE .....107.2 TN
KB4KSL KNOXVILLE ..... TN
WB3T ROANOKE .....103.5 VA
KA8ZXP GLENVILLE ..... WV
449.3500 / 444.3500
W4CBA GAINESVILLE .....131.8 GA
WR4SG VALDOSTA .....141.3 GA
K4CO EDGEWOOD .....123.0 KY
K4KAY CHARLOTTE .....118.8 NC
WB4IKY GIBSONVILLE .....107.2 NC
KR4LO GRANTSBORO ..... NC
WD4BKY GALLATIN .....114.8 TN
KD4CLA PIGEON FORGE .....156.7 TN
N4CH BEDFORD ..... VA
WB8YST CHARLESTON .....107.2 WV
449.3750 / 444.3750
KB4IZF JASPER .....103.5 GA
KD4DAR PIKEVILLE ..... KY
KB5HAV PEARL .....88.5 MS
N4DTR FRANKLIN .....131.8 NC
KB4WGA HENDERSON .....100.0 NC
KB4YTM HUNTINGDON ..... TN
KR4BT SPARTA .....123.0 TN
N4OWU FANCY GAP .....107.2 VA
449.4000 / 444.4000
WB4ULJ HAMILTON ..... GA
WB4HJG LULA .....71.9 GA
AC4VV SHEPHERDSVILLE ..... KY
KC4COV WITHAMSVILLE .....131.8 KY
K4MN FAYETTEVILLE .....100HZ NC
K4EAJ JOYNER .....82.5 TN
WA4KOG MEMPHIS ..... TN
N4PYI MT JULIET ..... TN
N8LVE ALDERSON/SAM BLK.....100.0 WV
KC8RRI CROSS LANES .....91.5 WV
N8HON MADISON, VA ..... ZZ
449.4250 / 444.4250
K4PE HELEN .....127.3 GA
W4LAW SUMMERVILLE .....100.0 GA
KD4EVB DRY RIDGE .....107.2 KY
KF4QZN MORGANTOWN .....179.9 KY
N4HAJ FOUNTAIN .....88.5 NC
NC4UC MONROE .....94.8 NC
N2BR ALGOOD .....88.5 TN
KC4NNN KNOXVILLE ..... TN
WA4ISI ALTAVISTA .....100.0 VA
KB8TJH SHIRLEY ..... WV
449.4500 / 444.4500
W4DOC ATLANTA .....146.2 GA
KO4OT SIMPSONVILLE .....100.0 KY
KD5AHI ABERDEEN .....210.7 MS
KB5LCL JACKSON .....141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH .....100.0 NC
N4DTR WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
W4CAT GALLATIN .....107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA
449.4750 / 444.4750
KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE .....179.9 KY
AD4BI PIKEVILLE ..... KY
KG4BTN GREENSBORO .....107.2 NC
N4ZKR NEWBERN .....107.2 TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Concludes

N4ZKR	SUMMITVILLE	107.2	TN
AD4ZK	NORFOLK	127.3	VA
K8VE	BUCHANNON	146.2	WV

449.5000 / 444.5000

W4MM	ALBANY		GA
KD4GPI	ATLANTA	110.9	GA
N4BZJ	DALTON	118.8	GA
KD4GMH	MANCHESTER	103.5	KY
W5LRG	MERIDIAN	107.2	MS
W4PAR	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4NOC	BISHOPVILLE	123.0	SC
KE4CCB	BLUFF CITY	77.0	TN
K4DAV	COOKEVILLE		TN
N4WAH	MEMPHIS		TN
K4CQ	LYNCHBRG/TOB MT	136.5	VA

449.5250 / 444.5250

W4GR	SNELLVILLE	82.5	GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
W4RNC	RALEIGH	82.5	NC
WA4ZRS	WAXHAW	94.8	NC
N4LV	MYB BCH/BRKSVIL		SC
KD4IBW	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
WB8YST	BECKLEY/OAK HILL	110.9	WV

449.5500 / 444.5500

WB4JEH	CONYERS	151.4	GA
K4DC	LEWISPORT		KY
KC4DUU	LEXINGTON		KY
K4JDR	BENSON	100.0	NC
N4GAS	GASTONIA/SPCR MT		NC
KA4BQM	ROANOKE RAPIDS	192.8	NC
KG4BZN	WALTERBORO	123.0	SC
KK4TD	COOKEVILLE	107.2	TN
WF4Q	MCNAIRY	107.2	TN
WA4PCD	NASHVILLE		TN
KB4WTP	COPPER RIDGE	103.5	VA
W4QR	HAMPTON	167.9	VA
K4CQ	WINTERGREEN	136.5	VA

449.5750 / 444.5750

KC4YAP	DEVEREUX	100.0	GA
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC5CLM	PORT GIBSON	141.3	MS
KC4FWC	BOONE/RICH MT	77.0	NC
W4BAD	DURHAM	88.5	NC
N4HAJ	KINSTON	88.5	NC
K2PJ	MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN

449.6000 / 444.6000

W4PSZ	FAYETTEVILLE	77.0	GA
WA4NKL	QUITMAN	127.3	GA
KF4WMM	BRUSHY FORK	88.5	KY
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
W4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
NO4EL	OXFORD		NC
KT4YW	NO. CHARLESTON		SC
WA4PPL	COOKEVILLE	107.2	TN
WA4AUX	PROSPECT	118.8	TN
KA8TCF	WESTON		WV

449.6250 / 444.6250

K4EDN	BONAIRE	82.5	GA
W4CBA	CUMMING	123.0	GA
KC5BMJ	KINGSLAND	118.8	GA
W1BPP	MOULTRIE	123.0	GA
KB4QFL	HAWESVILLE		KY
KE4ISW	RICHMOND	192.8	KY
AB5MU	NETTLETON	192.8	MS
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
WT4E	COLLIERVILLE	107.2	TN
KD4TUD	JEFFERSON CITY		TN
WA4TOA	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
W4HCH	SOUTH BOSTON		VA

449.6500 / 444.6500

KF4CXL	MCINTYRE	77.0	GA
N4IBW	SMYRNA		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
KJ4HF	SALISBURY	88.5	NC
WA4US	WILMINGTON		NC
N4UHF	LAKE MURRAY		SC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
WD4BSB	CHRISTIANSBURG	107.2	VA
N4EHJ	RICHMND/CHLTVL		VA

449.6750 / 444.6750

KC4CBQ	HIAWASSEE	186.2	GA
KN4YZ	TYRONE/PTC	77.0	GA
KC4VYX	ROBINSON CREEK		KY
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE	100.0	MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
KD4RAA	RALEIGH	100.0	NC
W4GS	MYR BCH/CONWAY	85.4	SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K4IJ	PEARISBURG	103.5	VA
AB8WB	GASSAWAY	123.0	WV

449.7000 / 444.7000

WB4SBT	BYRON	103.5	GA
WD4LUQ	DALLAS	77.0	GA
KF4BJM	VALDOSTA	141.3	GA
WB4JM	BOWLING GREEN	136.5	KY
AD5IT	GRENADA	107.2	MS
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT	107.2	NC
AE4GA	STATESVILLE	94.8	NC
AG4UW	CENTERVILLE	107.2	TN
KF4VDX	MARYVILLE	127.3	TN
N4ZKR	PALMER	107.2	TN
K4AU	DANVILE/WHT OAK		VA
N4WWB	GATE CITY		VA
WB8CQV	HERNSHAW	203.5	WV
K8LG	MORGANTOWN		WV

449.3250 / 444.7250

KC4FWC	#BLADENBORO	77.0	NC

449.7250 / 444.7250

AG4PR	DALLAS	123.0	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KY4K	HENDERSON	82.5	KY
KE4ISR	LEXINGTON		KY
W4ZCD	HICKORY FLAT	179.9	MS
KC4FWC	#BLADENBORO	77.0	NC
KD4MMP	WINSTON-SALEM	107.2	NC
KC4KPJ	ROCK HILL	127.3	SC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE	123.0	TN
KF8FO	LEWISBURG	103.5	WV

449.7500 / 444.7500

KC4ELV	CONYERS	162.2	GA
N4ZRF	LAKEMONT		GA
KC8ERN	#ASHLAND	88.5	KY
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
KD5GVU	STARKVILLE		MS
NC4GC	GASTONIA		NC
KD4JFN	PITTSBORO	146.2	NC
K4TC	HENDERSON		TN
KF4VWJ	HIXSON	100.0	TN
N4PYI	MT JULIET	156.7	TN
WD8LNB	GRAFTON	118.8	WV

449.7750 / 444.7750

N4NEQ	ATLANTA/MARIETTA	151.4	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
N5PS	SATARIA	107.2	MS
K4JDR	CARY	100.0	NC
KR4EX	OLD FORT		NC
N2QEW	WILMINGTON	88.5	NC
WA4AKM	GALLATIN	107.2	TN
KF4VDX	MARYVILLE	100.0	TN
WA5KUB	MEMPHIS	107.2	TN
KF4UCI	#CHARLOTTEVILLE		VA
WD4KZK	SLINGS GAP	107.2	VA

449.8000 / 444.8000

WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN		KY
KB5CO	JACKSON		MS
WB4PMQ	GREENVILLE	131.8	NC
KF4LUC	HICKORY	94.8	NC
K4YEC	REIDSVILLE	107.2	NC
KD4QMS	SOUTHERN PINES	118.8	NC
KE4RAP	NORTH AUGUSTA		SC
K0JXI	MEMPHIS		TN
KD4LP	#MORRISTOWN		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE		VA
WV8B	BECKLEY/OAK HILL	100.0	WV
W8CUL	MORGANTOWN		WV

449.8250 / 444.8250

W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE	192.8	KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK	100.0	NC
KD4RAA	NEWPORT	100.0	NC
K4GWH	RALEIGH	146.2	NC
K4ILT	HOLLY HILL	103.5	SC
KE4FGW	MARYVILLE	100.0	TN
K5FE	MEMPHIS	107.2	TN
N4PYI	SMITHVILLE	107.2	TN
KG4BKI	FRANKLIN	131.8	VA
WA4ZBP	STAUNTON	131.8	VA
N8RKU	CHARLESTON	123.0	WV

449.8500 / 444.8500

N4BZJ	DALTON		GA
N4YXL	GREENSBORO	103.5	GA
KG4OGC	HINESVILLE		GA
KF4QZN	HORSECAVE	179.9	KY
AA4NI	NEBO		KY
AB5DU	INDIANOLA	136.5	MS
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE		NC
W4BAD	RALEIGH	100.0	NC
WN4Z	ROCKY MOUNT	131.8	NC
K4GMP	WILMINGTON	88.5	NC
WB4NNX	HOHENWALD	100.0	TN
WD4MWQ	MCMINNVILLE		TN
K7AG	MEMPHIS	107.2	TN
KF4VDF	POUND	103.5	VA
AB4SF	RICHMOND		VA
WD4KZK	ROANOKE/READ MT	107.2	VA
N8RLR	ELKINS	162.2	WV
WB8ZER	HUNTINGTON/CHAS	131.8	WV

449.8750 / 444.8750

KE4UAS	MCDONOUGH	82.5	GA
KE4RJI	TIFTON		GA
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
K4RCC	CULLOWHEE	151.4	NC
KD4RAA	#LOUISBURG	100.0	NC
WB4U	WINGATE	127.3	NC
KD4UWA	CHAT/MNTLAKE MT	156.7	TN
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG A MTN		VA

449.9000 / 444.9000

KD4BOO	AUGUSTA		GA
N4BBQ	DAHLONEGA	100.0	GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS	123.0	KY
KY4SP	HUDSON	179.9	KY
W4EWN	NEW BERN	100.0	NC
W4EJ	WILSON	179.9	NC
K4SHP	MYR BEACH/AYNOR	123.0	SC
W4YI	CHATT/EAST RIDGE	88.5	TN
K4WYV	GATLINBURG	88.5	TN
WB4MMI	RAMER		TN
W4LYR	WATERTOWN	100.0	TN
WA4CQK	FANCY GAP	100.0	VA
N8SCS	BELINGTON	141.3	WV
NV8H	LOGAN	203.5	WV

449.9250 / 444.9250

WA4NNO	ATLANTA		GA
WB4NFG	IRWINTON	77.0	GA
N4PJR	JESUP	141.3	GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN	107.2	MS
WB5TTE	VICKSBURG		MS
KB4WGA	DURHAM	100.0	NC
K4OBX	HATTERAS ISLAND	131.8	NC
N4XRY	MOUNT AIRY		NC
N4NTO	TARBORO	118.8	NC
AC4RZ	EASLEY/SAS MTN	103.5	SC
KI4CB	GEORGETOWN		SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
KD4TZD	KNOXVILLE		TN
KD4FWS	FANCY GAP	100.0	VA
WB8BON	ROANOKE/TINKER M		VA

449.9500 / 444.9500

W4TL	CLERMONT	131.8	GA
WR4MG	PERRY		GA
N4DUE	LEXINGTON		KY
WB5YGI	PHILADELPHIA		MS
N5VGK	TUPELO	192.8	MS
WA1WXL	CHARLOTTE	136.5	NC
KF4DWV	GREENSBORO	100.0	NC
KF4HFQ	ROLESVILLE	88.5	NC
KD4PBC	CHARLESTON	103.5	SC
W4EYJ	CROSSVILLE	118.8	TN
K4GX	GREENEVILLE		TN
WB4NNE	MEMPHIS		TN
N8ITF	SPRINGFIELD	100.0	TN
WA4KXV	VIRGINIA BEACH		VA
WB8CQV	SO. CHARLESTON	203.5	WV

449.9750 / 444.9750

WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK		GA
W4MAZ	COCHRAN	77.0	GA
KC4QK	ASHLAND	107.2	KY
WB4CWF	NICHOLASVILLE		KY
N5PS	O'REILLY	100.0	MS
KE4QAP	ASHEBORO		NC
N4JEH	CASTALIA	107.2	NC
W4YMI	NEWPORT CCARS		NC
KC4ZTJ	POLKVILLE		NC
WM3O	ORANGEBURG		SC
KQ4E	MORRISTOWN		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG	103.5	VA
N8EKT	WHEELING		WV

441.8250 / 446.8250

KC4NSE	#BLACKSTONE		VA

443.7750 / 448.7750

W4RKC	WINCHESTER	146.2	VA
KA1OKQ	CONCORD, NH	82.5	ZZ

443.8250 / 448.8250

KQ4CI	#ASHBURN		VA

444.7250 / 449.7250

WA3BXW	HAZLETTVILLE, DE		ZZ

439.2500 / 911.2500

KA5NOJ	GAUTIER		MS

426.2500 / 923.2500

K4CQ	LYNCHBURG		VA

439.2500 / 923.2500

KY4ATV	#LEXINGTON		KY

900 MHZ

907.5000 / 919.5000

WD4KZK	ROANOKE/POOR MT	107.2	VA

908.5000 / 920.5000

KF4TNP	LEWISBURG		TN

908.8000 / 920.8000

KQ4E	MORRISTOWN		TN

908.9000 / 920.9000

W3FCC	SWEETWATER		TN

909.0000 / 921.0000

K4CQ	LYNCHBRG/TOB MT	100.0	VA

909.1000 / 921.1000

WA1ZMS	BEDFRD/APL ORCH	100.0	VA

909.5000 / 921.5000

KD4CWB	KNOX-SEVIERVILLE	100.0	TN

910.2500 / 923.0000

WA4VHP	#SAVANNAH		GA
K4ZGA	NASHVILLE		TN

902.4875 / 927.4875

KB0Y	VALDOSTA	141.3	GA
N4JNE	FANCY GAP	100.0	VA
W3PS	CHESTER, PA		ZZ

902.5000 / 927.5000

KG4LMT	ATLANTA	223.0	GA

902.5125 / 927.5125

KE4PAB	PICKENS	100.0	SC
KE4NYV	ROANOKE/POORE MT		VA
W3PS	EAGLEVILLE, PA		ZZ

902.5250 / 927.5250

N8EKA	DAHLONEGA	100.0	GA

902.5370 / 927.5370

W4BIW	HOSCHTON	100.0	GA

902.5375 / 927.5375

W3PS	OCEAN CITY, NJ		ZZ

902.5500 / 927.5500

WA4TOG	BEAR WALLOW	131.8	NC

902.6125 / 927.6125

KB4WGA	DURHAM	100.0	NC

902.6625 / 927.6625

N2QJI	CONCORD	141.3	NC
W4FAL	RALEIGH	156.7	NC
N4DTR	WAYNESVILLE	131.8	NC

902.7250 / 927.7250

KA4MKG	LEXINGTON	DCS75	KY

1270 MHZ

1265.0000 / 421.2500

N4BZJ	DALTON ATV		GA

1253.0000 / 427.2500

N4NEQ	ATLANTA/MARIETTA		GA

1277.2500 / 439.2500

KD4EEW	NASHVILLE		TN

1260.0000 /1240.0000

W3PS	CHESTER, PA		ZZ

1277.2500 /1253.2500

W4PPN	#CHARLOTTE		NC

1270.5250 /1282.5250

N2QJI	CONCORD	141.3	NC

1271.1000 /1283.1000

WA1ZMS	BEDFRD/APL ORCH	100.0	VA

1272.4000 /1284.4000

WA4AKM	NASHVILLE		TN

1273.3000 /1285.3000

KF4TNP	LEWISBURG		TN

1274.0000 /1286.0000

K1YJ	NASHVILLE	88.5	TN

1274.5000 /1286.5000

KB4ZOE	SMITHVILLE		TN

1271.0200 /1291.0200

N4CH	ROANOKE/POOR MT		VA

1271.4100 /1291.4100

AD4DN	WILMINGTON	88.5	NC

1272.0000 /1292.0000

KB4KIN	ATLANTA/BELL		GA
N4HKS	MEMPHIS		TN

1272.8200 /1292.8200

AG4EI	GASTONIA/CRWDR		NC

2.4GHz

2441.6000 /2411.6000

WA1ZMS	BEDFRD/APL ORCH		VA

Teach Ham Radio?

The *Repeater Journal* would like to weasel its way into your classroom! Let us know about your class, and we'll send some sample copies for free.

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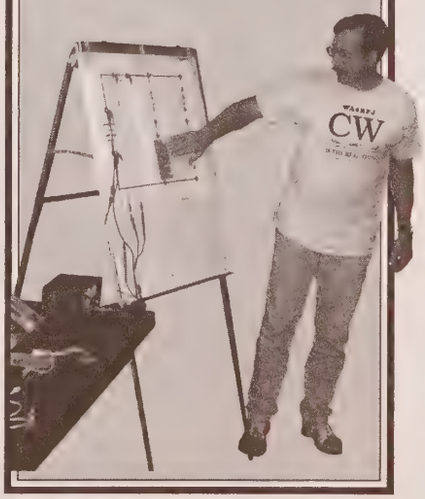
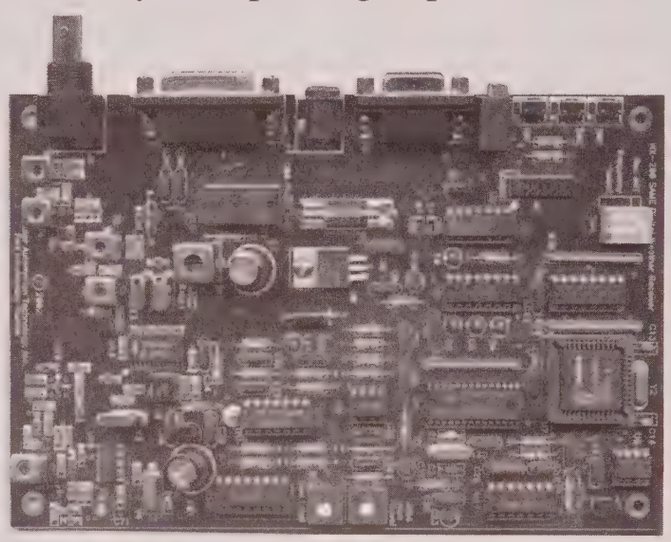
editor@sera.org



Computer Automation Technology, Inc.
WX-200 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group?



Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and/or watches.

Voice Synthesizer Alert Message

*Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will key-up the transmitter and announce the alert. "Severe Thunderstorm Watch," "Tornado Warning," "Winter Storm Warning," "Flash Flood Watch," and the new **Amber Alert** for missing children are just a few.*

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Repeater Interface

The WX-200 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.

Weather Enable Input

Ground this input to provide weather reports on demand.

Weather Disable Input

Ground this input to prevent future alerts once a Skywarn net is activated.

Weather Alert Log

The WX-200 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to download the log.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to set off an external alarm or trigger the controller to execute a macro or load a memory save.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-200 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Ordering Information

WX-200** Digital Weather Receiver, With Windows® Configuration Program: **$299.00.

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KENTUCKY

REPORTED BY
PAT SPENCER KD4PWL
3395 SPANGLER #26
LEXINGTON, KY 40517
859-948-1320
KD4PWL@SERA.ORG

Three SERA members were honored for their contribution to amateur radio in Kentucky at the **2004 Greater Louisville Hamfest** ARRL Convention Banquet.

SERA full member **Joe Pollock K4ULW** was chosen as the 2004 KY Amateur Radio Operator of the Year. Pollock has a long history with repeaters, and was presented the award for his devotion to make the Louisville Hamfest a success despite a bout with cancer. Beyond this year's achievements, Pollock was recognized for a lifetime of service to amateur radio by building and maintaining many repeaters over the years, and his elmering of many new operators. KY SEC, **Ron Dodson KA4MAP** commented on Pollock's ability to bring new persons into the hobby, "Joe is that he is the main reason I am even in amateur radio today. After visiting his shack in 1978, I developed an interest in ham radio and he and Helen were supportive of my efforts to join the hobby."

Joe Pollock K4ULW receiving the the 2004 KY Amateur Radio Operator of the Year Award from ARRL KY Section Manager John Meyers NB4K.

Because of a tie in objective scoring and excellence in totally different subjective areas, SERA member **Tom Mansfield KG4TND** and **Don Munsey KA4UHL** were presented with *co*-KY Amateur Radio Emergency Service Operators of the Year awards. Mansfield was recognized for his "Excellence in Program Building" for his work to build a Medical Facilities amateur radio communications program in Lexington. With 6 major hospitals, Lexington is a reception center for several federal programs such as MMRS and NDMS. In late September, his yearlong effort to secure Homeland Security funding for a repeater for the hospital program came to fruition.

Munsey was awarded for his "Excellence in Communications System Building." He is very active in emergency communications programs and local amateur radio organizations. If you glance at the repeater listing in this issue, you will see many entries for Munsey. He was praised in his nomination, "He has given up his repeater coordination and provided a free repeater so that Lincoln County would have a repeater. He works with the local EM group and has training set up with the local hospital for the hams."

A PUBLIC THANKS

On behalf of emergency communications operators in Lexington, I would like to thank **Terry Estes WB4ASZ** for providing our Homeland Security repeater with his coordination. When we were coordinated with 146.940, a high profile repeater in Indiana presented a significant challenge. Terry provided his 147.120 coordination for the repeater moving it from Winchester to Lexington.

SHAKERTOWN BIKE TREK

Thirteen operators provided a communications network for the 19th Annual **American Lung Association's "Bike Trek to Shakertown."** The 150-mile event's route through Mercer, Boyle, Garrard and Lincoln counties presents a number of challenges to both riders and communications crews. Using the 146.655 WD4DZC, 146.835 KF4AWA, and 146.760 K4KJQ repeaters, operators were able to cover the event.

Frank Yocum KQ4ZZ commented that "Hams were positioned in sag vans, bike repair vans, EMS vehicles, rest stops, photography cars, command cars, and local homes to support the almost two hundred bicycles. In addition to normal administrative radio usage, amateur communications was used to help 15 'lost' riders, numerous mechanical breakdowns, and a few minor incidents requiring medical attention."

BPL IN KENTUCKY

BPL's experienced and probable impact on amateur radio has been a very hot topic of discussion in amateur radio circles. KY ARRL Section Manager **John Meyers NB4K** spoke at the Greater Louisville Hamfest about the true nature of BPL implementation, and shared a few facts about Kentucky. Meyers has traveled to several clubs around the state to provide information to the groups. Some of the points of his discussion included:

- BPL like other broadband service is dependant upon a customer base, cost, and the limitations of transmitting data long distances. It will be implemented in small areas and cannot be cost effectively implemented into vast rural areas over long distance power lines. *(Editor's note: cable and phone line DSL have physical distance limits to their network as well.)* The problem with interference will be from local implementations, however with interference ranging from 160 to 70cm, undesired noise could affect an area distant from a BPL system.
- There has been an above ground test in Cincinnati and an underground test in Northern Kentucky. Underground utilities provide less interference, but one must remember that underground utilities eventually surface into homes and businesses that can act as the source of attenuation.
- FCC Part 15 mandates all devices and systems to not cause interference. However, Part 15 does not cover experimental systems.
- He encouraged local amateur radio operators to learn more about the topic, and reach out to public safety agency communications supervisors in their communities to raise their awareness to the interference that could occur on their systems as well.

After discussing several other facets of the issue, and playing audio/video samples of BPL noise, he referred those wishing to learn more about the topic to the ARRL BPL web page located at www.arrl.org/tis/info/HTML/plc/.

Meyers encourages all interested to contact him nb4k@arrl.org. ■

SERA KY Staff Tim K4ITF and Mike K4TDO at the Lexington hamfest

MISSISSIPPI

REPORTED BY
CHARLES DIAMOND
43 JUDE BREWER RD
LUMBERTON, MS 39455
(601) 796-9279
KG4CKW@SERA.ORG

Well, it has been so busy since the last time I was able to work on this. We have had hurricanes and threats of hurricanes. Days in the park, among many other activities. We here at our house have been getting ready for a new addition. About the time you folks get this article we here in Talowah will have a new member to our family: Lillian Kathleen Diamond is expected on or around November 23. So anyway the reason for all this jabber is basically is for my excuse. This quarter's article won't be too long. I hope to include things I left out or otherwise in the next issue.

VICKSBURG ARC REAL BUSY

The **Vicksburg Amateur Radio Club** was real busy in August supporting several local events. Vice President Russell Tillman K5NRK reports that communications support was provided for the United Way Parade. Those participating were KD5WCR, W5WAF, KB5YEE, KD5ZIB, W5XX, and K5NRK.

Following that event the VARC mobilized for the 16th annual Over the River Run. This event included over 600 participants. A major problem did develop when the water stations ran out of water. These stations were spaced out at ½ mile intervals across the Old Bridge and seemed to run out simultaneously. Most of the runners were still on the bridge. Through the valiant efforts of the VARC the water stations were quickly re-supplied.

NEW CLUB IN JONES COUNTY

A new club has formed in Jones County. Joining the **Laurel Amateur Radio Club** and the **Jones County Amateur Radio Club**, **The Pine Belt Repeater and DX Association** has formed in Laurel with Alan Clark N5PA as President, Mark Brown N5NQ as Vice President. The focus of the club seems to be in their name: repeaters and DXing. So if you're interested in joining an amateur radio club in the Laurel area your choices are becoming almost limitless. If interested in joining this club contact Alan Clark N5PA. You can probably reach him through his website: **home.comcast.net/~n5pa**.

KG4AQW (left) and N4EME mountaintop for the Ocoee Amateur Radio Club VHF Contest operation.

Finally, this isn't Mississippi news but I want to thank the **Ocoee Amateur Radio Club** for allowing me to tag along on their recent club outing. I was excited to be invited to the **September VHF contest** weekend on Wacheesi Mountain located in East Tennessee. We set up several antennas and made quite a few contacts. Thanks to Joe Riner W4DES and the gang. Hope I can make it next year. You can view pictures of the event at **www.wd4oar.org**.

There is so much more I wanted to cover this quarter–time just ran out. So look for more information in the next issue.

If you're interested in getting something posted in this article remember to contact me at the above email or address. I hope to start posting new repeaters on the air and other news soon. Also remember that this is *your* section of the *Repeater Journal* and I will do my best to include anything you folks want in this article.

So that is all I have this time.

73 KG4CKW

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North Carolina

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
WA4KE@SERA.ORG

Bill Morine N2COP reported that Robert Young, developer and owner of Tarheel Antennas, was the guest speaker at the September meeting of the **Azalea Coast Amateur Radio Club.** He spoke on the importance of bonding on car frames with unitized bodies in order to create a more effective ground plane for HF. The Azalea Coast Club also had two special events: operators activated NI4BK, the Battleship North Carolina, as part of Museum Ships weekend July 17 & 18. The club also operated from the Oak Island Lighthouse at Caswell Beach August 21 & 22 as part of International Lighthouse weekend. The Battleship will be activated again December 4 & 5 to honor Pearl Harbor Day.

Bill adds that it's a pleasure to have so many of the area repeaters that were down back on-the-air, and that **CARES, the Carolinas Amateur Radio Emergency Services**, has its first repeater up and running. W4TIP in Clinton is on 224.28 (tone 91.5). Tower crews scheduled for the other four repeater installations have been delayed either by hurricanes in the Carolinas or because the crews have gone to Florida to help there.

CARES is an emergency amateur radio communications system dedicated to hospital and public health traffic. It is administered by amateur radio volunteers working through Wilmington based Coastal Carolinas Health Alliance (CCHA). Officials hope to have the entire system operational by first quarter 2005. For more information, there are two Yahoo Groups on CARES. Go to either "caresinfo" (without the quotation marks)

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Winston-Salem Firstfest

January 8, 2005

We did this once five years ago and people still talk about it. The first NC hamfest of the year. So we'll do it again. This will be a drive-in swap meet held at the Summit School parking lot on Reynolda Road (close to Wake Forest University). Bring a chair and set up from the back of your car. Talk-in is 146.64 with 145.47 backup. $5.00 admission. Free Coffee!

or to CCHA_CARES.

ARRL NC Section Manager John Covington W4CC recommended hams look into the capabilities of WinLink 2000 and how it can be used to supplement our NTS and ARES capabilities. John referred to the articles about WinLink 2000 in August and September QST and he noted that the capability to send computer data would be a great thing for us to be able to offer our communities. With the use of cell phone cameras becoming widely used, our served agencies may ask us to send digital photos and other computer files during disasters. This program is something the hams should be thinking about testing in North Carolina. WinLink 2000 is being looked at as a national standard.

The Madison County Amateur Radio Communication Team meets the third Monday of the month at 7 pm at the Madison Middle School Media Center. The team also has a net each Thursday night at 9 pm on the 224.660 repeater (KE4RQL) with a tone of 100. This repeater is also connected to EchoLink, node number 43442. The 224.360 repeater (KF4ZDS) will also be linked to the repeater as well.

Guilford Amateur Society is fortunate to have the 145.250 repeater sitting near the top of the Channel 2 tower in Randolph County. The 145.250 repeater is one of the best area coverage repeaters in North Carolina and Channel 2 only asks in payment that the club keeps the area around the tower clean and the grass cut. Nice deal.

New Bern ARC member Bruce N8UTY reviewed the ARES situation with Hurricane Alex. The ARES revised phone tree plan was put into operation and worked out very well. The ARES net on Monday evening had 20 plus check-ins, and on Tuesday AM, over 15.

WD4FVO, The Onslow Amateur Radio Club, meets at the Emergency Operations Center in Jacksonville, NC. The club also owns and maintains two repeaters in Onslow County. The primary repeater is located on Hwy 258 West of Jacksonville. It uses the frequency of 147.00 MHz, negative offset, and no tone. The secondary repeater is located on top of the Onslow Memorial Hospital on Western Blvd, Jacksonville. It operates on 145.19 MHz, negative offset, and no tone.

Wilmington VHF Association N4ILM meetings are held at Jackson's Big Oak Barbecue, 920 S. Kerr Ave. Meetings are held on the first Wednesday of each even numbered month (February; April; June; August; October; December). *Repeater Journal* editor KN4AQ was a guest at the October meeting while on vacation at

Triad SKYWARN says good bye to EC Bill Boyes KB1G, shown here operating at Eastern Branch HQ during Hurricane Isabel in 2003.

New Location - New Sponsorshop in 2004

One of the first shows of 2005 in the area

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Drew Poindexter AD4T: ad4t@triad.rr.net

Talk-In Frequency: 145.37 Repeater

All proceeds benefit the Foothills Food Pantry

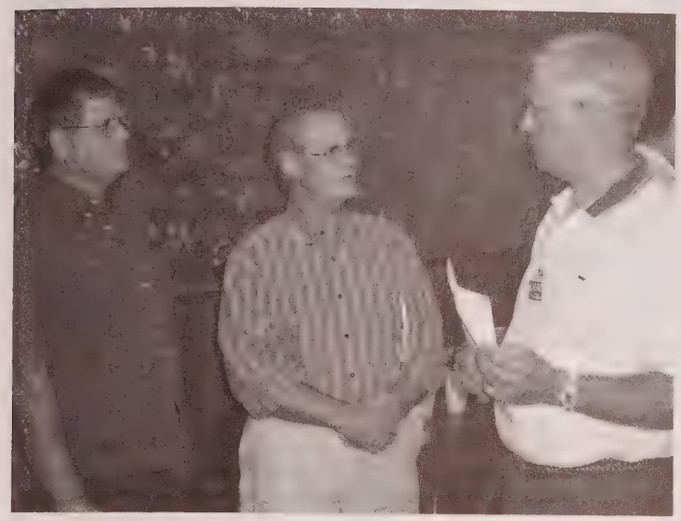
Holden Beach.

Also at the meeting were brothers Jim N9JE and Joe W4TSI Ebner. The two are filling a ham-radio gap between Wilmington and Jacksonville with a new club and two new repeaters in Pender County. The club is the **Coastal Pender Amateur Radio Club (CPARC)**, and the two meter repeater will be on 146.64

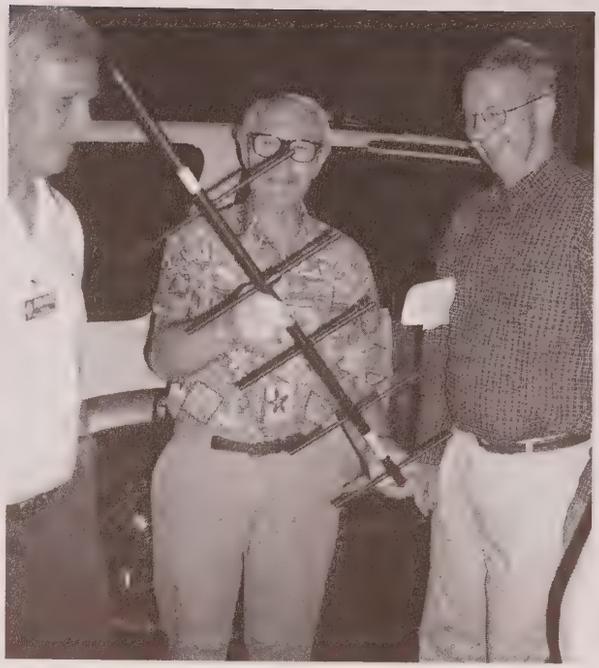
The September issue of the **Durham FM Association's *Link*** was dedicated entirely to emergency preparedness and supporting equipment. I would recommend stopping by their website to review the issue: **www.dfma.org/newsletters**.

The Shelby Hamfest was a success this year and *no rain*. The JARS' **Benson Hamfest** will be the last North Carolina Hamfest for 2004 on November 21st, and a new (or renewed) **Winston-Salem Firstfest** will be the first in 2005 on January 8th. The Elkin Hamfest returns under last year's new management and location on February 26th, with proceeds benefiting the Foothills Food Bank.

John Hamilton NC4JH is the new Emergency Coordinator for the **Triad Skywarn.** John replaces Bill Boyes KB1G, who is headed back to Rohode Island. Check the group's new web page at: **www.triadskywarn.com**. ■



Brothers Jim N9JE (left) and Joe W4TSI (center) talk Paul AD4HZ at the Wilmington VHF Association meeting in October. Jim and Joe are starting the Coastal Pender Amateur Radio Club, and the new 146.64 machine in Surf City.



Jerry K4GMP (center) shows Paul AD4HZ (left) and Ham KB4BR the new UHF antenna that will link the Wilmington 146.82 repeater to the PCRN Network hub in Raleigh. The previous antenna was destroyed by falling ice.

The Raleigh Amateur Radio Society says:
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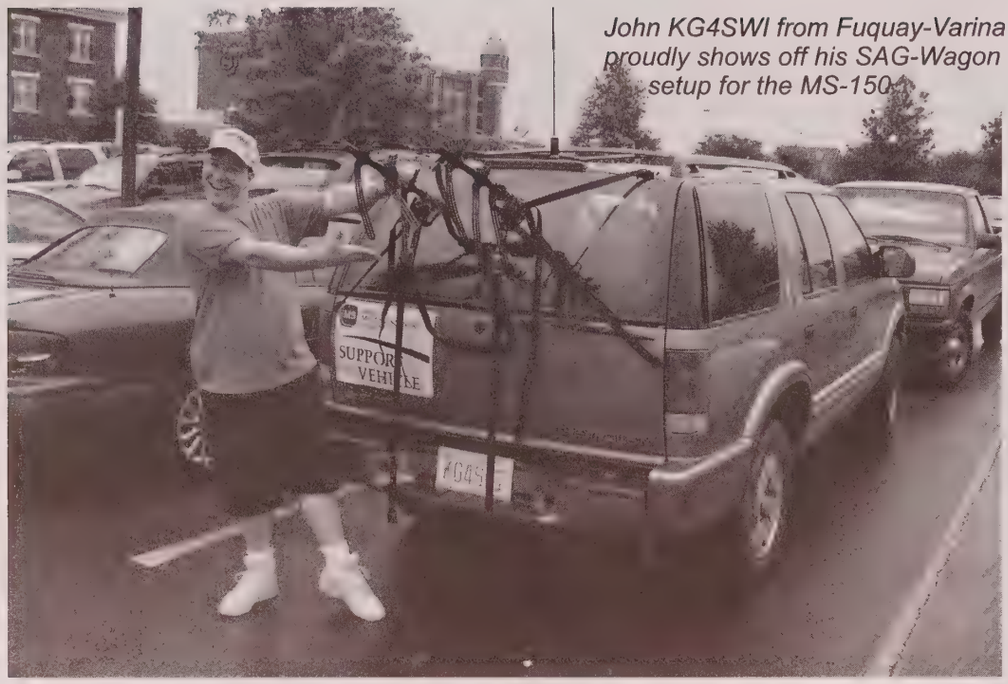

John KG4SWI from Fuquay-Varina proudly shows off his SAG-Wagon setup for the MS-150.

Downeast, Triangle hams combine to support MS-150

More than 40 hams from across eastern North Carolina pitched in to help the MS Society with communications for their MS-150 Bike Tour fundraiser. This year's Tour was a huge success, with more than 1200 cyclists - up from around 800 the previous year.

Two factors are cited for the growth of the event: an excellent route, and superb support for the riders. MS-150's are two-day events, with riders peddling 75 miles each day. Most cyclists wouldn't consider that kind of ride by themselves. But with hundreds of other riders for company, rest stops with food, water, medics and mechanics every 12 miles or so, and a constant patrol of SAG and safety vehicles, the riders are willing to face the physical challenge.

The Eastern NC MS-150 has been bringing hams out from across the region for 15 years. For most of that time, the Tour started in the Raleigh area, and ended on the coast. But for the past four years the ride has been a Figure-8 centered on New Bern. On Saturday the Tour crosses the Neuse River bridge and heads to Pamlico County. Sunday's ride heads west into Craven County.

Cell phone coverage is spotty in the rural areas, but the Grifton 146.685 and Trenton 145.21 repeaters keep everyone connected. Hams shadow MS Society and Tour officials, ride the supply trucks and man the rest stops. For the past several years, hams have not only been SAG Wagon communicators, they've supplied the SAG wagons.

On the air, the repeater is constantly busy from the 8 AM start until late afternoon. Net Controls Bill K4VHO and Bruce N8UTY have learned how to avoid what they call "contest mode," where field operators find themselves competing for the frequency. They periodically take a list of stations who need to pass traffic, and work through it methodically. ■

5th RARS SWAP FEST

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Winston-Salem Hamfest

one of the best ever! See you June 11, 2005!

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by Coach

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---------- Contact ----------

Bill Lundy, NC4BL, 151 Brady Johnson Ln., Mt. Airy, NC 27030 nc4bl@surry.net

(336)320-2135

Name _____ Call _____ email _____ Phone _____

Address _____ City _____ State _____ Zip _____

Communications Headquarters awaits a new sign in this small shopping center just off College Rd. in Wilmington. Watch for McAllister's Deli, and turn right.

Communications Headquarters moves to new store in Wilmington, NC

Communications Headquarters, North Carolina's only full-service Amateur Radio store, has moved a few blocks to a new location in Wilmington. For years, hams traveling to the coast stopped by CHQ's familiar store in the Cinema Square shopping center on Oleander Drive. The new location, 4549 Fountain Drive, is a little more convenient for hams heading for the beach. It's just off of College Road, across from the UNCW campus, on the route to Carolina Beach and just a short detour for those heading to Wrightsville Beach.

Phone numbers and the web site, www.chq-inc.com, remain the same. ■

Stan Outlaw K4DPC waits on Ron Dudley KI4CPE of Hallsboro, NC, from behind the counter at Communications Headquarter's new store in Wilmington.

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And We Hope You'll Join Us for

Shelby 2005

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September 3-4

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(More details and information in future *Repeater Journal* issues)

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South Carolina

Reported by
Roger Gregory W4RWG
102 Partridge Rd.
Union, SC 29397
(864) 427-1462
W4RWG@SERA.ORG

Dear South Carolina Repeater Owners and Users,

First of all I want to tell you that I appreciate you supporting SERA and me. I get so many supportive emails and telephone calls from repeater owners in South Carolina. I also hear a lot of good comments from you at hamfests. Both Jim WJ4C and I try to respond to your needs as quickly as we can. I ask you to continue supporting SERA and me as your SC Director with your continued membership in SERA.

The Blue Ridge Amateur Radio Society reports the passing of Bob Watson W4RGW on July 9, 2004. I knew Bob, he always reminded me that our calls were just about alike. I shall miss seeing him at the area hamfests my sympathy goes out to his family and to the BRARS.

The BRARS had named the date for the **2005 Spartanburg Upstate Hamfest**. It will be held May 7th at the Spartanburg Fairground. New members welcomed are Anne Coble K4GVL and J.Ted Webb W4NE, both from Greenville. New Icom repeaters have been ordered for the 146.610 and 146.820 repeaters. These wide coverage repeaters will surely be sounding good. The **Greenville WCARS VE** team gives exams the first Saturday of each month at the Red Cross Building on Grove Road. The contacts are John Chism ND4N or Sue Chism N4ENX at **n4enx@mindspring.com**.

The Charleston Amateur Radio Society welcomes new club members David Wilkins KI4FSC and Carl Fulmer K4VVX. The CARS has new officers. Kenneth Bible AF4ZV-President, Doug Clark KU4OC-Vice President, Linda NeSmith K4MPY-Treasurer, and Tracy Bible KG4HWT-Secretary.

CARS member Alene Wilkins KG4NKD is in the process of setting up an Amateur Radio Club at the **Dubose Middle School.** Presently work is being done to prepare a grant request and a club callsign

The Columbia Amateur Radio Club had some interesting programs lately. Michael Cerkex KI4BXM presented a program on the effect of solar flares on communications, and Steve Naglic K9NWS presented a program on the effects of propagation on HF communications. The CARC provided assistance with the **All-American Soap Box Dirby** on June twelfth, and the **JDRF Walk** on October thirty first. This event took place at the Carolina Research Park again this year.

The Florence Amateur Radio Club received a commendation from The Florence County Council recognizing Amateur Radio Operators. This was done at their Regular Meeting. The FARC is in the process of replacing the antenna and hardline on their 146.685 repeater. The new 7/8 hardline and a new DB 224 antenna will restore the Florence Machine to its former excellence for the next 20 years. As my friend Ron Crisp WB4VZN likes to say, "Up to Amateur Standards". Hello to Dave and Bonnie Jones.

The Grand Strand Amateur Radio Club had their annual **BeachFest** this year at the Conway National Guard Armory. They had vendors inside, outside, and

The 32nd Annual and Original

CHARLESTON HAMFEST

AND COMPUTER SHOW

SATURDAY, FEBRUARY 5, 2005

Special Guests: The FCC's Special Counsel for Amateur Radio Enforcement, Riley Hollingsworth, K4ZDH, and ARRL's SC DXCC Card Checker, Gary Dixon, K4MQG, will be attending.

Notice: This Hamfest is considered a family affair. The committee reserves the right to eject any inappropriate materials from the premises.

Prizes: $400, $200, & $100 cash. Door prizes during the day. **Activities:** Forums and Bingo.

Food: World Famous C.A.R.S. Dogs and BBQ Sandwiches. **Volunteer Exams:** On site at 1:00 pm.

Admission Tickets: $5.00

Exchange Park Fair Grounds, Ladson SC

I-26 at Exit 203

Acres of Free Parking

Talk in - 146.79, 145.25, and 147.045

Doors open at 8:30 am

See more details at http://www.qsl.net/wa4usn

or contact Jenny Myers, WA4NGV

2630 Dellwood Avenue, N. Charleston SC 29405-6814

(843) 747-2324 or email: brycemyers@aol.com

Charleston Amateur Radio Society Inc.

Charleston, SC

email: WA4USN@AMSAT.ORG

hamburgers and hot dogs cooked on site. Jim Wood KF4CJE and the guys did a great job as usual.

The Greenwood Amateur Radio Society is busy getting ready for their annual **Hamfest** on Saturday, January 8 at the Greenwood Civic Center. The gates will open for business at 9 AM. Talk-in will be on the 147.165 repeater. I have a special place in my heart for the Greenwood hamfest as it was my first one way back in 1993. I have been hooked ever since. The GARS has been tweaking their 147.165 repeater with duplexer tuning and a repaired amplifier. The GARS welcomes back old members Bobby Gosnell KG4ZYO, Brandon Smallwood KG4GSF, and Tammy Gosnell KG4LEW.

Jim and Roger pitch SERA, and sell a few odds 'n ends at the Rock Hill Hamfest

The Laurens Amateur Radio Society compiled 306 total points at Field Day. This was 40 points better than the previous year. Good Job! The LARC meets the third Tuesday each month at 7:30 pm in the EOC building on South Harper Street.

The Pickens County Communications Group meets the second Tuesday each month at the Pickens County EOC Building. The PCCG hosted a Basic WX Spotter Training Class on October 5. This was open to the public. The PCCG also set up their Emergency Management Operations Mobile Unit at the Pumpkintown Festival October ninth. Tours were given for the public. Festival attendees were given the opportunity to learn about Amateur Radio and learn that this unit was ready willing and able in case of an emergency.

The Salkehatchie Amateur Radio Society using their club callsign of KK4BQ netted 307 QSO's during Field Day activities. They operated 6 meters and HF. The SARS meets the third Saturday each month at the Barnwell County EOC building.

The Spartanburg Amateur Radio Club welcomes back old members Steve Fincher WD4DHY, and John Kimbrell KG4KAP. Members of the SARC provided support for the Local Multiple Sclerosis Organization 50 mile bicycle ride. Those helping were Howard W4CCP, Fritz W4NTO, Joe W4WZ, Dave KN8Y, Jim W4BQP, John KG4KAP, and Art Ke4EAN.

My Friend Fritz has been climbing again! They are calling him the "A Team Commander". The "A" Team took down Bernard AF4IB's tower. Field Day was a great success with 30 members participating. The annual bicycle assault on Mt. Mitchell was also a success. Recent programs include a presentation on PSK 31 by George Neale K4GDN, and Digital Technology by Harold Kinley WA4GIB. The antenna on the 147.090 repeater has been raised and can be worked in Union. Fritz had 4 examinees for the code test at the August testing session. A record!

The Sumter Amateur Radio Association hosted their annual **Hamfest and ARRL State Convention** on October 23. I am sorry that I was unable to attend this due to be "having" to go on a cruise with the wife. I never miss Sumter. I'll be back next year. The SARA participated in Field Day Activities ending up with 1150 points in the 2A category.

The Union County Amateur Radio Club WCARS VE Team holds exam sessions the 2nd Thursday in January, March, May, July, September, and November at 7 PM in the Union County 911 Center training room on North Pinckney Street in Union. Contact Jim WJ4C for information, wj4c@charter.net.

The York County Amateur Radio Society in Rock Hill held it's annual **Hamfest** Saturday, October second at a new location this year. Several new vendors came along with the regulars, and the tailgating area was packed with sellers also.

The members of YCARS, along with Hamfest Chairman Van Brown KG4LUT, and Vendor Chairman Bob Bacharach WA2EMF would like to thank everyone that supported the Hamfest.

The YCARS welcomes new members David Beatson W4LNY from Lake Wylie and John Glasbrooks KI4GXD from York. Congratulations to Van KG4LUT and Leslie Brown KG4NOG on the birth of grandson Justin Lavan Holt. Van is the current President of YCARS.

Sorry, there was no news received for this issue from the **Anderson Radio Club** and the **Palmetto Amateur Radio Club**. Please send me your news!

Newly Coordinated or Proposed Repeaters in South Carolina:

KU4ZS	442.175	Greenville	On air
KD4HEY	442.750	Abbeville	Proposed
WD4HEM	147.795	Florence	New Owner
WD4HEM	146.325	Lucknow	New Owner
WD4HEM	146.295	Pageland	New Owner
WD4HEM	144.890	Cheraw	New Owner
WD4HEM	447.050	Timmonsville	New Owner

Attention South Carolina Repeater Owners. Are you a SERA Full Member? I would like for you to consider joining the SouthEastern Repeater Association. The cost is only $20 per year. Send your full membership dues in today. Let's make South Carolina 100%. SERA needs your support and with full membership not only will you support the SouthEastern Repeater Association, you and your designee will receive the *Repeater Journal* for as long as you are a full member. What a deal!

Michael Duff KG4SLH receives the McGan Silver Antenna award for PR from SC Section Manager Jim Boehner N2ZZ at the Shelby Hamfest ARRL Forum

Would you like to see news from your club in the *Journal?* It's easy! Tell your club Secretary to make sure I am on their newsletter mailing list.

73 Roger Gregory W4RWG
President
SC Director

TENNESSEE

REPORTED BY
BOB GAULT KD4NEC
221 CEDARWOOD TRAIL
CLEVELAND, TN 37312
KD4NEC@SERA.ORG

Tennessee: In the midst of two Tropical Storms

Who would ever have thought Tennessee would have to deal with two tropical systems in one season! But for folks in Middle and East Tennessee, the 2004 Tropical season sent two storms on an almost identical track through the volunteer state. Relief efforts are still underway in Florida where the season's one-two-three punch dealt a severe blow to the economy. Relief agencies will likely spend several more weeks helping people back on their feet. Thousands lost everything and will start over.

Tennessee was affected by flooding, the worst from Ivan which moved slowly northeastward while managing to maintain its tropical characteristics. Even though weakened after coming ashore near Gulf Shores Alabama, Ivan's winds remained strong enough to cause power outages in both rural and urban areas.

Ivan followed Frances, which proved to be less of a rainmaker due to its northeastward track that was first to impact the eastern part of the state. The hurricane formed in late August and finally dissipated over Canada in September. Rainfall totals from Ivan were up to 15 inches in parts of the state, leaving people stranded in vehicles and homes as water rose rapidly.

Rescue efforts were launched and ARES and RACES members went into service where they were needed. Nets were opened to accommodate local relief efforts while other amateurs monitored the Florida hurricane net offering assistance for passing traffic to relatives further inland. It was a large-scale effort involving thousands of amateur operators across the US. Ivan made landfall twice along the Gulf and reached category 5 strength three times while it churned up the warm ocean waters.

After looping off the east coast, across Florida and back to the Gulf, Ivan finally died over Texas. Being several hundred miles inland, Tennesseans usually don't think of being affected by a tropical system. By the time they travel inland, most tropical systems degrade quickly to low pressure areas. The 2004 hurricane season will go into the record books and will never be forgotten by those who endured its fury.

I hope everyone had an enjoyable summer and a successful Field Day! We're approaching the end to another year when thoughts turn toward club elections and holiday festivities.

Contesters will want to mark their calendars for the next **Southeastern VHF Society Conference**, scheduled for April 29 and 30, 2005. It will be held in Charlotte, North Carolina.

The **Wilson County Amateur Radio Club** meets on the first Saturday of every month at 7 PM. Most meetings are at the Middle Tennessee Electric Membership Co-op in Lebannon. For those wanting to attend, you can find out the location from club officers or by checking into their information net every Thursday at 7 p.m. They are held on the W4YLR repeater 147.105.

Officers of the **Roane County Amateur Radio Club** are Chris Field KG4NBI, President; Chip Erisman KC4YYD, Vice President; Jim White K4APY Secretary, Annette Richards KG4RPN, Treasurer; Joe Pinner KC5IJD Information Officer, and Jim Dalton K4FPG Club Historian.

We need some contributions from clubs across the state. Send newsletters, e-mails etc.

Till next time, 73's...

Middle TN students talk to space station

Students at St. Paul the Apostle Catholic School in Tullahoma, TN, used Amateur Radio to contact the International Space Station (ISS) in August, courtesy of members of the Middle Tennessee Amateur Radio Society and the Stones River Amateur Radio Club.

Control op Mike Boyea KE4KMG used the SRARC callsign K4FUN to let students talk to astronaut and ISS Science Officer Mike Fincke KE5AIT from an open-air station set up for the event. Mike Glennon KB4JHU provided the equipment and communications trailer. (Mike later took the trailer to Florida to help with Hurricane Frances recovery.)

Sumner County Amateur Radio Association, Inc. Presents the

Gallatin Hamfest

January 15, 2005

Gallatin Civic Center

Gallatin, Tennessee

■ **Show Starts 8:00 AM**

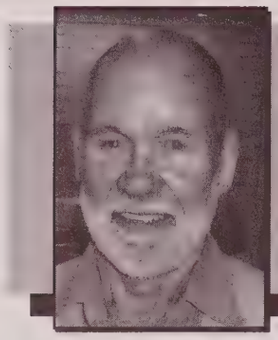
■ **Tables $15.00 / 3 for $12.00 each**

■ **Admission $6** ■ **Children under 10 Free**

Make your plans to attend

For Information Call: (615) 451-9075
Or visit the club web site at:
www.scara.net
E-Mail: hamfest@scara.net

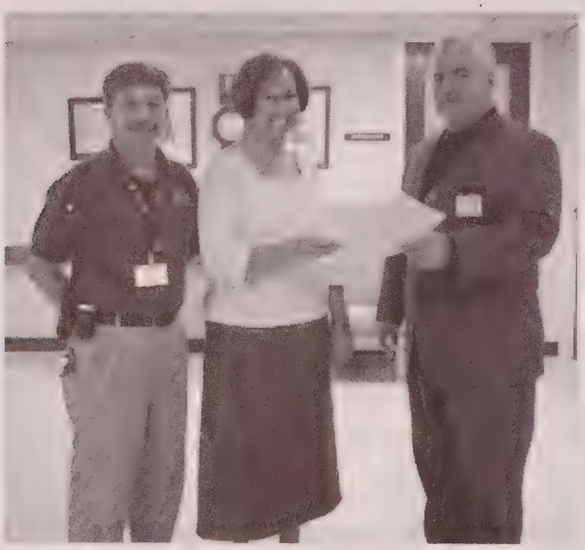
Gallatin Hamfest Talk-in: 147.240+ (114.8 pl) and 444.350+ (107.2 pl)



VIRGINIA

REPORTED BY
FRED WEAVER KG4BKI
PO BOX A
ZUNI, VIRGINIA 23898
757-242-9066
KG4BKI@SERA.ORG

AWARD WILLING COOPERATION is the order of the day in Virginia. Two notable amateurs have donated their coordination to assist the **Central Virginia Hospital Disaster Planning Committee**. Carter Cogle K4ARO of Petersburg and Douglas L. Shriplin KD4ZTK of South Hill put their frequencies back in the pool to assist in finding appropriate repeater pairs for the system being developed for the hospitals.



Mr. Ed Brandenburg, CEO of Community Memorial Hospital, South Hill Virginia, accepts the formal documents donating the KD4ZTK Repeater Pair in Boydton Virginia to Virginia RACES for the Central Virginia Hospital Disaster Planning Committee from Mrs. Douglas Shrimplin. Gary Thompson KI4GNZ , Chief, Telecommunications Division of Community Memorial Hospital, coordinated the transfer. Mr. Shrimplin could not be in the photo due to his medical condition.

The technical challenges of the system require that the VHF repeaters be as high as possible in the band and that the UHF repeaters be as low as possible. These two gentlemen have stepped up to plate in the making of their coordination available. Both will be recognized with a Certificate of Appreciation from Virginia RACES, Inc.

Veteran SERA members may recognize the K4ARO call. Carter served in SERA leadership positions from 1976 through 1991 holding at various times the office of Secretary, Vice President, Virginia Director, and President. He was President during the time the organization grew to its present 8-state size and adopted its current name. His donation to the hospital system is a continuing example of his leadership.

Hurricanes Charley, Frances, Ivan, and Jeanne have all impacted the weather in Virginia. This season the hurricanes have thrown their worst on our neighbors before getting to the Old Dominion. Jeanne caused lots of flooding in the western part of the state and is blamed with one death in Partick County. Frances was responsible for local flooding in Richmond and had enough punch to spawn tornadoes. The only AR Ecomm activations that I am aware of took place as Charley approached. These stood down pretty quickly as Charley petered out.

As Hurricane Frances was threatening Florida a non-ham friend called to ask me how she could communicate with a friend in Florida if the phones were out in that area. I did not have a good answer then, but have a better one now – SATERN. Go to **www.satern.org**, scroll all the way down to Health and Welfare Information Request. There is an on-line form.

On the 17th of July, I traveled to Richmond for the initial training of hams and hospital personnel on radio operations for the **Central Virginia Hospital Council**. Our primary presenter was Bruce McAllister W4BRU who did an excellent job of handling the ham radio information and in keeping the program on track and on time. The presentation I attended is the prototype of the training that will be used as the program matures.

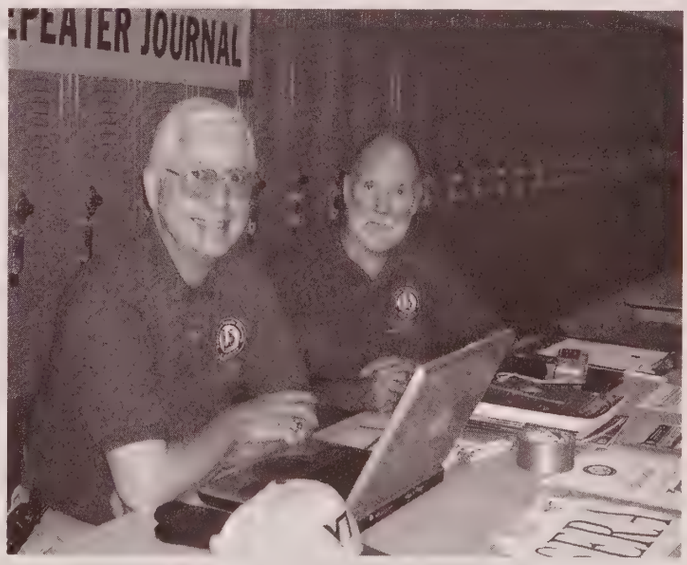
"Not since the Duck & Cover days of the Fifties" has the threat to our national security been more clearly recognized. This was the lead in to a short video clip that started the program. The clip also emphasized the importance of Emergency Communications and the need for trauma center coordination.

Our host for the training was Carol Smithson of Hospital Corporation of America (HCA). She is the Director of the Department of Trauma and Disaster Planning for Chippenham and Johnston Willis Hospitals as well as the Co-Chairman of the Central Virginia Hospital Disaster Planning Committee.

Straight to the point, she described the regular communications between hospitals and the FBI regarding security. Hospitals are considered a 'soft' target for terrorism. Some specific recent examples of security incidents at the hospital we were in were cited including an incident where an individual was taking pictures in some very inappropriate areas of the building.

Ms. Smithson made some comments that really stuck with me. First, she referred to the ham radio system being installed as the "final redundancy". It does not get any clearer than that! The bedrock of all the levels of communications is – ham radio. She also recounted a saying that she liked, "Those help also who only stand and wait." I have observed that Emergency Managers do not wait for a communications problem to develop before calling out the hams. Now they want to see a ham sitting in front of lit up radios, maintaining a radio link – just in case.

Carleen Penny, Safety and Facilities Director for VCU Health System, gave us an overview of the Hospital Emergency Incident Command System (HEICS). For those of us with some familiarity with the ICS used by other responding agencies, most of this was the same system in a



W4VT and KG4BKI sign up SERA members at the Roanoke Hamfest

hospital setting. Hospitals have to take into account the particular needs of a hospital: such as, the evacuation of hundreds of patients and where to send them. Here are a few bites from my notes of Ms. Penny's presentation:

- "Impaired" communications may still be using perfectly functional equipment it is just overloaded. Telephone, both landline and cellular are susceptible to this.
- Every disaster involves some type of communications problem.
- "After 9-11 things really changed."
- Hospitals do a great job with 'everyday' emergencies. Pile up on the freeway – we can handle it! Injuries, disease outbreaks and so on are what a hospital deals with day in and day out. How to deal with an attack on the hospital itself or a local threat to the safety of the whole hospital is a different thing altogether.
- HEICS provides a structure (with flexibility) and a common language to deal with the unexpected.
- In summary, Ms Penny said about communication, "I am not going to depend on computers and phones!"

In the final segment, Ms. Smithson and Ms. Penny were joined by Larry Mock, Facility and Safety Director for Southside Community Hospital in Farmville, for a Q&A session. I learned that the small hospitals will rely heavily on their ham radio volunteers. A small hospital must be a lean operation. In an emergency their resources get stretched very quickly. If a busload of casualties is coming their way, they need everything they have to take care of the people. A steady ham in front of lit up radios, keeping a radio link, would be a good thing there.

I traveled to the **Roanoke Hamfest** on July 31. This is an eight hour round trip from Podunk, and gave an opportunity to get into a part of Virginia that I do not see very frequently. I met Don W4VT for the first time and we worked the SERA table together. This was a well-organized event, held in the cafeteria of William Byrd HS in Vinton. The club tables were spread out in the halls, which is where we were located. The tailgate area was populated with about 20 stalls; two of which were walk-in trailers of professional vendors.

There were lots of activities, including free bingo for folks who needed a diversion while the family's ham did some shopping. There were also a number of forums.

Very pleasantly, I saw a few familiar faces. Carl W4CAC was at the ARRL table and planned to be at another hamfest the next day. An acquaintance from my early ham days was there – Morgan KG4BQI. As the closeness of our calls indicates, we became hams about the same time. His family had moved from Gates, NC to the western part of VA. It was great to learn that he was working, going to school and doing well.

The **Virginia Beach Hamfest** came off this year without attracting a hurricane. In fact, Hurricane Ivan came into the western part of Virginia as the date of the event neared, then turned around and went back. So, the organizers really had their mojo working.

The event was for two days, Sept 18-19, and was held in one of the gyms of Virginia Wesleyan College in Norfolk. The gym was full, so club tables were spread out into the adjacent cafeteria. The building has wireless Internet connection so the SERA table was online and several members renewed that way. I think most attendees were glad to see the VB 'fest survive, even in this smaller format; yet lamenting a bit the loss of the much larger event of years past. There was a full slate of forums. I attended three of them: Riley Hollingsworth, ARRL Roanoke Division, and ARES.

Just a few bits from Riley's presentation:

- 95% of interference is unintentional
- Operators who are "unaware" of current issues, i.e. BPL, is a problem
- Each ham should try to recruit one person into the hobby
- Restructuring has caused many to believe in a "Floodgate Theory"; that changing the standards will open the floodgates and there will be too many hams. Quoting Riley, "It's not how you get in, but what you do with it."
- Regarding code skill; he said, that the 10 worst offenders in his experience were Advanced and Extra Class.

At the ARRL Division meeting, Director Dennis Bodson W4PWF gave a briefing on the League's restructuring proposal, and discussed the potential of regulation by bandwidth as opposed to mode. He said that the various longevity awards would now be awarded automatically rather than it being necessary for the members to apply for them.

When the meeting was opened up to questions there was considerable discussion about the changes in DXCC Yearbook and about Logbook of the World. Regarding comments about the Divisions web site, Dennis indicated that the position of Roanoke Division Webmaster was open.

Tom Goyne N4NSP who used a well-prepared program to describe the current status of the **Virginia Digital Emergency Net (VDEN)** hosted the ARES forum. Titled, "Packet, Winlink 2000, TelPac: The Digital Toolbox" he gave an overview of packet nodes and BBS in each region of the state. More detailed training class follows up on this introduction on November 6th in Hampton Roads area at a location TBA. Contact you local EC/ERO for the sign up details.

There was also a forum on IRLP that I did not attend, but which received a good review from one of the participants that I talked to later. I like seeing good, educational forums at a hamfest as they are in stark contrast to some of the forums that I have seen in the past. ■

bki - on the side:

KG4BKI/R on the air

On August 28th a work party assembled at the base of the water tower at 616 Quail Roost Road in Franklin, VA. The group included: Bruce KG4QAQ, Brent KG4QAR, Charlie WB4PVT, Don KA4IMX, Chris KA8UNO and myself. The task was to install the equipment for the 444.825 (131.8) repeater, sponsored by the Franklin Police Department, of which I am the Trustee of the coordination.

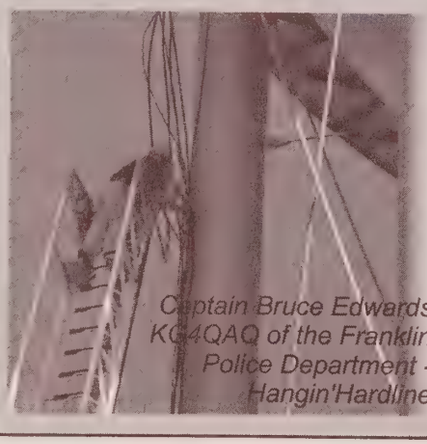
The installation of the hardline and antennas for both the repeater and the Remote Base radios went very well. The only change planned for the antennas is to move the repeater antenna to the very top of the tower (lightning rod position) when the current antenna is removed. The ladder truck of the Franklin Fire Department was a great help in securing the hardline to one of the tower legs. It's good to have friends in high places.

The repeater, now dubbed the 'Quail Roost Machine', is working very well and the coverage is a pleasant surprise. It can be worked from inside the Police Department building with a small HT.

We encountered a little snag when we determined that the radios that we had for the Remote Base operation did not have the required logic voltage output. I am sure we will get that squared away in due time.

It is a real kick to hear the repeater announce my call!

bki>



Captain Bruce Edwards KG4QAQ of the Franklin Police Department - Hangin'Hardline

Virginia Beach Hamfest rebounds

Gary Pearce KN4AQ

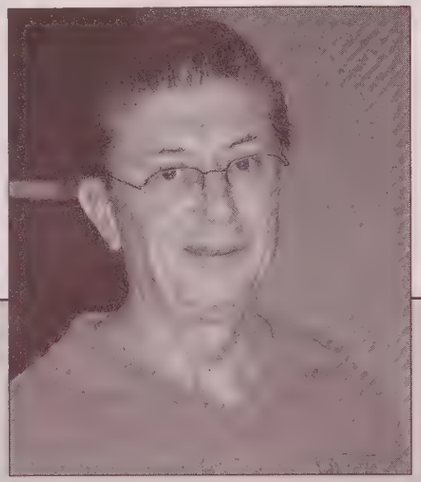
The Virginia Beach Hamfest struggled back to life on September 18, 2004, after being cancelled by Hurricane Isabel in 2003, changing location twice, and suffering serious attendance hits due to weather and war over the past several years. This year the hamfest, sponsored by Tidewater Radio Conventions, Inc., finally arrived as a two-day affair in a gym at Virginia Wesleyan College.

At its peak, Virginia Beach was one of the premiere hamfests in the southeast. Held for more than 20 years at the Virginia Beach Pavilion, the show attracted exhibits from the major and smaller manufacturers, multiple dealers, a healthy indoor and outdoor flea market, and a wide variety of forums and meetings. Attendance declined some in the late 90's, but flooding following hurricanes took a more serious toll in 2000 when it was difficult for hams to reach the city. The 2001 date followed the 9/11 terrorist attacks, and the hamfest was nearly empty. Schedule conflicts at the expensive Pavilion forced the organizers to search for another venue, leading to an interesting experiment at the Pembroke Mall (see "Hamfest in a Mall?" *Repeater Journal*, November 2002). The fest was set to move to Virginia Wesleyan last year, but Hurricane Isabel arrived the week before, leaving the facility without power.

This year the hamfest was a shadow of its former self, with MFJ being the only major manufacturer to exhibit. The entire fest was contained in one gymnasium at the college, with the rainy remnants of Hurricane Ivan keeping the outdoor flea market small. Still, hamfest President Lynn Lilla W9DJQ looked on the bright side. Attendance was good, at least on Saturday, and floor space was sold out weeks before the hamfest. Next year the fest will add a second gym, more than doubling the available space. The less expensive facility allowed a bargain $5 "at the door" ticket price.

Will Virginia Beach regain its former status? Lilla doesn't know, but he's focused on producing the best hamfest he can. He's maintaining the two-day weekend because some exhibitors say they won't attend a one-day show.

The hamfest web site is:
www.vahamfest.com ■



Lynn Lilla W9DJQ

The Virginia Beach Hamfest, this year in the gym at Virginia Wesleyan College

Some thoughts on hamfests....

For those of you who knew Wayne Williams, K4MOB, I'm not trying to follow in his footsteps in reference to commenting on Hamfests. However, I feel the need to try to pass on the observation of over twenty years of Hamfest management to as many Hams as possible.

In the beginning of my 42 years of amateur radio in Chicago, I, and every ham I knew, looked forward to those gatherings occurring a few times a year around the Chicago area. They were events that every Ham made plans for months in advance to ensure nothing interfered with those weekends.

Times have changed though. We are a busy people who have to make conscious decisions as to whether or not we can spare the time to go to one. The sad results of this are reflected in the attendance of the shows, which seem to get a little smaller with each year passing. One eye-opener for me was my visit to a small, but wonderful show presented each spring in Chesapeake, VA. As I sat a table, promoting our Virginia Beach fall event, I had a stark realization that at my age, touching 60, I was a youngster compared to at least 80% of the attendees. It made me pay a little more attention to the attendees at the Virginia Beach show in September, which made me feel a little older than some of the crowd, but not much.

We mailed out over 4,800 post cards, reminding all the Hams within the short radius of 70 miles of the Virginia Beach Hamfest. The attendance was less than 25% of that. What could have been more important than sharing a few hours with Hams within ground wave reception of each other? Obviously, there are numerous reasons, both good and unreasonable. It was raining! Nothing I needed to buy! No forums I wanted to listen to! No tailgating, or not enough of it! – and the list goes on.

There is one fact that I hope you all can understand. Most Hamfests are currently experiencing declining attendance. As interest and attendance goes down, so goes the decision for manufacturers and vendors to attend shows. With less vendors, obviously more Hams find more reasons to not attend. Eventually, this evolution of degradations of the shows will cause Hamfests to simply disappear. I hope it doesn't happen in my lifetime – or in yours, for that matter.

This is why we who still love Hamfests must all encourage every Ham we know to take part in this time-honored tradition. It's part of what being a Ham is all about. Without interest and attendance, our yearly events will soon be just a memory.

Lynn Lilla, W9DJQ
President, Virginia Beach Hamfest

WEST VIRGINIA

REPORTED BY
RICHARD CLEMENS KB8AOB
102 HICKORY STREET
BUCKHANNON, WV 26201
304-439-1248
KB8AOB@SERA.ORG

Will return next quarter

RJ Hamfest Editor Wanted

The *Repeater Journal* **Hamfest Calendar** is one of the most popular pages in the magazine, keeping thousands of hams up-to-date on regional hamfests.

We need someone to keep the ***Calendar*** *up-to-date!*

This is a volunteer position, and once you're up to speed it will take about 12 hours per quarter to contact hamfest chairmen (mostly e-mail), comb web sites and dig out the dates and changes. (They claim they want people to come to their hamfest, but do their best to keep the information hidden!).

Another option is an article now and then about the state of hamfests in SERA territory.

Requires e-mail, MS Word or Excel, and knowledge of or strong interest in hamfests!

Interested?

Contact the editor:
kn4aq@sera.org

Western Carolina Amateur Radio Society/VEC, Inc.

WCARS / VEC

An Amateur Radio Volunteer Examiner Coordinator AND A Special Event Station Call Sign (1X1) Coordinator

For Newly Issued Callsigns, Call (423) 689-6358
(11:00 AM to Midnight - 7 Days a Week, including Holidays)

For other information including test session coordination, VE Team Formation, etc.:

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
901 754-4552 WinGuin@bellsouth.net

Norman Harrill N4NH
7 Skylyn Court Asheville, NC 28806
704 253-1192
NormanHarrill@worldnet.att.net

Ray Adams, W4CPA
6702 Matterhorn Ct. - Knoxville, TN 37918
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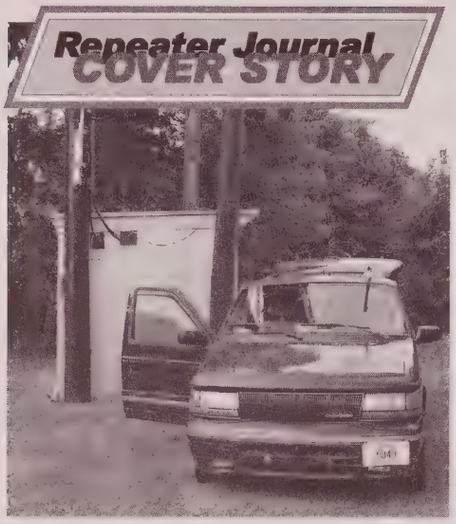
A look at the Dismal Peak Repeaters



Don Williams W4VT

The repeaters of the Dismal Peak Amateur Radio Society (DPARS) cover southwestern Virginia and southern West Virginia from their perch 8 miles southwest of Pearisburg. The repeaters include KQ4Q 224.86, N4AZJ 147.135, N4AZJ 444.975, and the KE4JYN 53.47. There are also several packet nodes on amateur radio frequencies plus one Virginia Army Mars node.

The 224.86 machine uses a converted 160 MHz government Motorola Micor with preamp, Wacom 4-cavity duplexer, Mirage 50 W amplifier, Astron 50-amp power supply, Sola 500VA constant voltage transformer, 1/2" hardline, and Hustler Spirit antenna. The system is housed in an equipment cabinet donated by Celanese Fibers Company. The link radio is a GE Century II donated by Arthur Stiltner KK4EH of Grundy VA.

The Dismal Peak radio site was developed about 1950 by the US Forest Service as a communications site, and the Forest Service built the first radio facility there. One of the first tenants was WHIS-TV Channel 6 in Bluefield, West Virginia. WHIS used the facility as the microwave hop to get their NBC network feed from Poor Mountain in Roanoke to their transmitter on East River Mountain in Bluefield. The Dismal Peak site is a flat area comprising close to 40 acres of almost flat mountaintop and an average elevation of just under 4,100 feet above mean sea level. The most visible commercial tenant on the mountaintop is Norfolk Southern Railway and their 250 foot guyed tower.

KQ4Q prepares the link to the N8FWL 220 system in his 224.86 cabinet

The building has been occupied by amateur radio equipment since 1986. 147.135 was the first occupant of the building after the facility was given to amateurs by the television station (now WVVA-TV). The 224.86 machine went on the air in 1995. ■

Incumbent slate nominated for SERA Directors/ Vice Directors

The nominating committee appointed by SERA President Roger Gregory W4RWG has recommended that all sixteen SERA Directors and Vice Directors be reelected to their posts, with the exception of West Virginia, where the same people have been recommended, but their positions would be reversed. WV's current Director, Dick Fowler N8FMD, is being recommended for Vice-Director, and Alex Hedrick N8FWL is being recommended for Director.

See page 2 of this issue for a list of the current Directors and Vice Directors.

Nominations are now open "from the floor" from any full member, following instructions in the Nominating Form that accompanies this article. If any nominations are received, SERA will hold an election only in those Districts that receive a nomination. Ballots will be mailed and current full members in that District will be eligible to vote.

Nominees in any District that does not receive a nomination from the floor will be declared elected. ■

SERA NOMINATION FORM

For the Office of SERA State Director or Vice-Director

This completed form must be mailed to the Secretary - postmarked no later than NOON, Nov. 28, 2004.
Note: the Secretary must also be notified verbally by phone no later than NOON Nov. 28, 2004.

To the SERA Secretary:
The below named person is nominated to the Office listed. The nominee has been contacted, has agreed to serve, and an acceptance letter is enclosed. The nominee (1) is a SERA FULL MEMBER, appropriately listed as such in the February 2004 Repeater Journal, (2) is not an officer in any other coordination council (3) and fully qualifies under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and THREE other eligible SERA Full Members, will be added to the nominating committee's list of nominees. This "from the floor" nomination will cause an election to be held by written ballot, mailed to every Full Member in the SERA District the nomination effects .

NOMINEE INFORMATION: (Use separate sheet for EACH Nomination - Director or Vice Director)

Nominated for the SERA State office of _____ for (State) _____

Name _____ Callsign _____

Address _____ Phone ( ) _____

City _____ State _____ Zip _____

Is a representative of the _____ Full Member Repeater System

Person has been contacted and has agreed to serve: [ ] Yes. Acceptance letter enclosed? [ ] Yes

Please include a brief biographical sketch of nominee on separate sheet of paper. Enclosed? [ ] Yes

This SERA Nomination is certified by:

Name [print] _____ Callsign _____ State _____

Phone [ ] _____ Signature _____

I am a member of _____ SERA Full Member Repeater Group.

Please list three other Full Member Repeater Representatives (each must sign this sheet)

(1) Signature _____ Callsign _____

(2) Signature _____ Callsign _____

(3) Signature _____ Callsign _____

Mail this fully completed form with other necessary paperwork to:

ALEX HEDRICK N8FWL, SERA Secretary, PO Box 417, Beckley, WV 25802. This mailing must be postmarked no later than NOON November 28, 2004 AND Verbal Notification by Phone (888) HAM-SERA (426-7372) to the Secretary is required by NOON Nov. 28, 2004.

IMPORTANT: All eligibility conditions for nominee as per SERA Bylaws, and all requirements of this nomination form must be met for a legitimate nomination from the floor. Otherwise, the nomination must be disqualified as non-valid for the forthcoming Director/Vice-Director election.

SERA Repeater Journal
The Official Voice of SERA, Inc.

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2004 REPEATER FULL MEMBER APPLICATION

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Please fill out the this SERA Full Member Application completely. Be sure to list 2 persons as SERA representatives. **ONLY these two will have voting rights, and receive the *Repeater Journal.*** MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in February 2005 *Repeater Journal* is January 1, 2005.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ	OUTPUT FREQ
RPTR #1	_____	_____	_____	_____
RPTR #2	_____	_____	_____	_____
RPTR #3	_____	_____	_____	_____
RPTR #4	_____	_____	_____	_____

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HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

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■ **IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP.** An application for SERA Full Membership status, and the payment of the respective dues thereof, does *NOT* constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

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The SERA *Repeater Journal* Southeastern
HAMFEST/CONVENTION CALENDAR

Hamfest dates marked with an asterisk (*) are ***not*** confirmed and are estimated from the previous year's date.

We urge hamfest sponsors to send their correct dates to the *Repeater Journal* editor as soon as possible (**editor@sera.org**).

We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors, the ARRL, commercial dealers, and many clubs and individuals.

Deadline for February Issue is January 1st, 2005

NOVEMBER, 2004
19-20 .. Jackson Co. ARA Hamfest, OCEAN SPRINGS, MS
21 ..... JARSFEST at American Legion, BENSON, NC
21 ... Central IL/St. Louis ATV Banquet, LITCHFIELD, IL
27 ..... EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2004
4 ..... ***new location***- GAARC Swapfest, GASTONIA, NC

JANUARY, 2005
8 .. ***new location*** - Lakeway ARC, VFW, MORRISTOWN, TN
8 ..... ***new hamfest*** - W-S Firstfest, WINSTON-SALEM, NC
8* .. Southwest Ohio Digital Symposium, MIDDLETOWN, OH
8 ..... Greenwood ARS Hamfest, GREENWOOD, SC
15 ..... SCARA Hamfest at Civic Center, GALLATIN, TN
15 ..... SE LA ARC Hamfest at SLU Univ., HAMMOND, LA

FEBRUARY, 2005
4-5 (Fri, Sat) ... Hamfest/ARRL St. Conv, JACKSON, MS
5 ..... Charleston ARS Hamfest, CHARLESTON, SC
6* ..... NOARS Winterfest, LORAIN/ELYRIA, OH
5-6 ..... Dade RC Tropical Hamboree, MIAMI, FL
11-13 ..... Orlando ARC HamCation, ORLANDO, FL
13 ..... Mansfield Mid*Winter Hamfest, MANSFIELD, OH
19 ..... Hernando Co. ARA Hamfest, BROOKSVILLE, FL
26 ..... Hamfest, ELKIN, NC
TBA ..... FrostFest, RICHMOND, VA

MARCH, 2005
5 ..... Charlotte County Hamfest, PORT CHARLOTTE, FL
5-6 ..... ***new date/location.*** DixieFest Hamfest, MEMPHIS, TN
6 .... DownEast Hmfst, Lenior County FG, KINSTON, NC
12 ..... Mammoth Cave ARC Hamfest, CAVE CITY, KY
--- ..... ***Cancelled*** - Harrison Hamfest, HARRISON, AR
11-12 (Fri-Sat) ..... Acadiana ARA Hamfest, RAYNE, LA
12-13 ..... Hamfest/Computer Show, CHARLOTTE, NC
19 ..... Kennehoochee Hamfest, MARIETTA, GA
19 ..... Hamfest at Coonskin Armory, CHARLESTON, WV
19 ... Playground ARC Swapfest, FT. WALTON BEACH, FL
19-20* ..... MTARS Hamfest, TULLAHOMA, TN
20 ... Toledo Mobile Radio Assn. Hamfest, MAUMEE, OH
26 ..... Gulfcoast ARC HF, NEW PORT RICHEY, FL

APRIL, 2005
2* ..... Fort Smith ARC Hamfest, FT. SMITH, AR
2* ... Lincoln Trail ARC Hamfest, ELIZABETHTOWN, KY
2 ..... Union County ARC Hamfest, UNION, SC
TBA ..... Hamfest at Bradley HS, CLEVELAND, TN
2-3 ..... Baltimore ARC Hamboree, TIMONIUM, MD
3 ..... Lake County ARA Hamfest, MADISON, OH
3* ..... Tailgate Party, JACKSONVILLE, FL
9* ..... Chesapeake ARS Springfest, CHESAPEAKE, VA
9* ..... Eastern Shore Hamfest, EASTON, MD
16 ..... Catawba Valley Hamfest., MORGANTON, NC
17 ..... RARS*Fest*, RALEIGH, NC
17 ..... CUYAHOGA FALLS, OH
22-23* ..... Little Rock Hamfest, LITTLE ROCK, AR
23-24 ..... Gainesville ARS Hamfest, GAINESVILLE, FL
29-30 ..... SE VHF Society Conference, CHARLOTTE, NC
29-30(Fri-Sat) ..... Baton Rouge ARC Hamfest, BAKER, LA
TBA (Fri-Sat) Midwest Div. ARRL Conv, LEBANON, MO
29-30 (Fri-Sat) ..... Joplin Hamfest, JOPLIN, MO
29-30 (Fri-Sat) OzarkCon QRP Conf., Ramada Inn, JOPLIN, MO
30 ..... Cherokee Capital ARS Hamfest, CALHOUN, GA
30 ..... BARC In-The-ShadeTailgate Party, MOULTON, AL
30-May 1 ..... Birminghamfest, BIRMINGHAM, AL

MAY, 2005
7 ..... Upstate SC Hamfest, SPARTANBURG, SC
TBA ..... Big Sandy ARC Hamfest, LOUISA, KY
1* ..... Jackson County ARC Hamfest, RIPLEY, WV

Is your hamfest listed correctly?

(does it still have a dreaded "*"?)

Have we missed one?

Please e-mail the editor at:

editor@sera.org

14 ..... Johnson County ARC, MOUNTAIN CITY, TN
21 ..... Roanoke ARS Swap Fest, WILLIAMSTON, NC
20-22 ..... Dayton Hamvention, DAYTON, OH
20-21* (Fri-Sat) ..... Jackson Co ARA, PASCAGOULA, MS
28* ..... Hopkins Co. ARA, MADISONVILLE, KY
28* ..... DurHAMfest, NG Armory, DURHAM, NC
29* ..... MFMA Mem. Day Hfst, WEST FRIENDSHIP, MD

JUNE, 2005
4* ..... Atlanta RC Hamfest, ATLANTA, GA
4* .... Northern KY ARC Hamfest, INDEPENDENCE, KY
5 ..... Ole VA Hams, Hamfest at FG, MANASSAS, VA
11 ..... W-S Classic at Dixie FG, WINSTON-SALEM, NC
10-11*(Fri-Sat) ... RACK Hamfest, TN ARRL, KNOXVILLE, TN
11* ..... Pig Pickin'/Tailgate (exams), FRANKLIN, VA
11* ..... Dekalb Co. ARC Tailgate Outing, FT. PAYNE, AL
18* ..... Tailgate Party (free), CHESTER, SC
18* ..... Hamfest (free), SILVER POINT, TN
19* . Frederick ARC Father's Day Hmfst, FREDERICK, MD
25-26 ..... **ARRL FIELD DAY**

JULY, 2005
2 .... Firecracker Hamfest, Civic Center, SALISBURY, NC
TBA ..... Tailgate Party, GAINESVILLE, GA
10 .... Valley Forge Hfst and Cmptr Fair, KIMBERTON, PA
22-23* (fri-sat) ..... Milton ARC Hamfest, MILTON, FL
16 ..... Midsummer Swapfest, CARY, NC
16* ..... RCARS Hamfest at Cdr Pt. Pk, DAYTON, TN
16* ..... NOARSFest, WELLINGTON, OH
23* ..... WCARS Hamfest, WAYNESVILLE, NC
23* ..... OH-KY-IN ARS Hamfest, CINCINNATI, OH
24* ..... BRATS HF and Computer Fest, TIMONIUM, MD
24* ..... Portage ARC Hamfair, RANDOLPH, OH
30* ..... Roanoke Valley Hamfest, (Vinton) ROANOKE, VA

AUGUST, 2005
7 ..... 55th Annual Winchester HF, BERRYVILLE, VA
6 .... Voice of Aladdin ARC HAM-OH-RAMA, COLUMBUS, OH
13* ..... 7th Annual CFARS Swapfest, FAYETTEVILLE, NC
13* ..... Ellijay ARS Hamfest, ELLIJAY, GA
13* ..... TARA HF & Comp. Show, HUNTINGTON, WV
14* ..... Central Kentucky ARRL Hamfest, LEXINGTON, KY
14* .... Carroll County ARC Hamfest, WESTMINSTER, MD
21* ..... Warren ARA Hamfest, WARREN, OH
20-21 .... Hamfest, ARRL SE Div. Conv., HUNTSVILLE, AL
27* ..... Short Mt. Repeater Club Hamfest, LEBANON, TN
27-28* ... WV State Conv/HF, (Jksons Mill) WESTON, WV

SEPTEMBER, 2004
3-4 ..... Shelby ARC Hamfest, SHELBY NC
10 ..... Owen County ARA Hamfest, SPENCER, IN
10* ..... Greater Louisville Hfst., LOUISVILLE, KY
10* ..... Monroe ARS Swap Meet, MONROE CO., TN
10-11* ..... F.A.R.Fest, GAITHERSBURG, MD
11* ..... Findlay Hamfest FINDLAY, OH
17* ..... Paulding ARC Hamfest, DALLAS, GA
17* ... CAREN All Arkansas Hamfest, JACKSONVILLE, AR
17-18* ..... VA Wesleyan, VIRGINIA BEACH, VA
17-18* ..... Chicago FM Club Radio Expo, GRAYSLAKE, IL
18* ..... Greater Cinci ARA Hamfest, CINCINNATI, OH
23-24* .... (Fri-Sat) TEN-TEC Hamfest, SEVIERVILLE, TN
24* ..... Suncoast ARC Hamfest, New Port Richey, FL
25* ..... Hamfest Assn. of Cleveland, CLEVELAND, OH

OCTOBER, 2005
1* ..... CARAfest, WEST FRIENDSHIP, MD
1* ..... York Co. Fairgrounds, ROCK HILL, SC
1* ... Red Rose Rprt Assn Hamfest, BROWNSTOWN, PA
2* ..... Hoosier Hills Ham Club, BEDFORD, IN
8* ..... ***date change*** Nashville ARC Hamfest, SMYRNA, TN
8* ..... Hamfest, STARKE, FL
9* ..... Hamfest, MAYSVILLE, NC
15* ..... NW GA ARC Hamfest, ROME, GA
15* .... ***CANCELLED*** Grtr Jksnvl Hamfest, JACKSONVILLE, FL
15* . Oak Ridge ARC Hamfest, FOE Bldg, OAK RIDGE, TN
15* ..... South-Side ARC Hamfest, GRANDVIEW, MO
22* ..... ***date change*** – CATS Hamfest, CLARKSVILLE, TN
22* ..... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
22* ..... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
23* ..... BENTONVILLE, AR
29* ..... Beachfest, MYRTLE BEACH (CONWAY), SC
30* ..... Massillon ARC Hamfest, CANTON, OH
30* ..... Mason-Dixon Hamfest, WESTMINSTER, MD

2006 CONFIRMED DATES
3 ..... GAARC Swapfest, GASTONIA, NC

SQUELCHTALE

Gary Pearce
KN4AQ
Editor
kn4aq@sera.org

BPL: what now?

The FCC has removed the "regulatory uncertainty" for utilities and BPL equipment vendors. And added to the "operational uncertainty" of hams.

What will happen now?

I expect a bunch of utilities will give BPL a try. I expect that what we've been saying – that there really is interference, even from the notched systems, and it won't be obvious until a few systems are built in neighborhoods with a bunch of hams – will be borne out. Then it will become an enforcement issue, and I expect we'll have a battle over the definition of "harmful interference."

FCC Chairman Powell has made it clear that he thinks we need to tolerate some BPL interference for the greater good of broadband everywhere. I believe we've already seen the heavy hand of politics in the FCC's "investigation" of the complaints of interference from the Progress Energy trial here in Wake County NC that detected a slightly high BPL signal in the bottom of a notched 10 meter band, but entirely missed a full-strength BPL signal across the top 60 kHz of 20 meters, in the four days they spent here.

We may also have a battle over procedure and speed of resolution of problems. The FCC has been in no hurry to answer complaints filed so far, even when the complaints were clear and the interference egregious (that means really bad). Commissioner Copps says the cases shouldn't take years to resolve. I'm afraid he has reason to worry.

But I *don't* think this is the end of ham radio. From what I've seen so far, if BPL comes to your area, and the vendor does everything they can to make it work, you'll still hear some BPL signals on some bands. If you've got an overhead line nearby, you could get fairly strong signals on one or two bands. You are not likely to get S9+20 signals on all HF bands.

That is not good enough. The ARRL isn't done fighting BPL, and if these predictions (or worse) come true, the League will be in the battle on several fronts, with the FCC, the Congress, the media, and, if necessary, the courts. ARRL Council Chris Imlay W3KD tells me that the FCC has already made enough "procedural improprieties" in handling BPL investigations so far to justify a court review. That is a last-stand option, and an expensive one.

The good news on BPL is that our voices have been clearly heard. The FCC meeting adopting the Part 15 R&O was all about interference and Amateur Radio. You really should go watch it from the FCC archive. Much of it was patronizing, to be sure, and I don't know how much the big boys see us as a threat. But we did enough to make them say our name.

BPL engineers: go make your systems work, and we'll be fine.

Tone: what now?

In all the fury and smoke whipped up in the great tone debate of 2004, I only heard two new ideas, and one of them wasn't really all that new.

The not so new idea was that repeaters that were tone access were harder to use in emergencies. So repeaters shouldn't use tone because someone with an emergency might not be able to get through? You can't argue the truth of that. Here in Raleigh, when our ARES group moves the action to one of the area's tone repeaters, we shave off a few of the operators who have never programmed that repeater into memory, and have trouble getting it set right in the heat of battle.

That doesn't mean we should avoid tone. Look at the Repeater Index in this issue – half the repeaters there are tone. It means we should do a better job. A better job as leaders, teaching our fellow hams how to use this technology. A better job as individuals learning how to use it. It's not a new argument, just a stronger reason to do it right.

The second idea isn't new either, but I completely failed to address it in the August issue, so I'll count it as new. That is that SERA should have brought the issue to the membership (and beyond, to repeater owners, and users, who aren't SERA members) for comment before voting on an issue like this.

That is a really good point. I say on page 7 of this issue that SERA doesn't have a good way of doing that. A real ballot is too much work, and we don't have the staff. The Directors should have an idea of what you think already, just from active participation in the community of repeater owners and users.

Now, despite all the uproar, we still don't know what you think. Or, put a better way, there's no clear consensus. It's a lot like the Presidential race that ought to have been decided by the time you read this, but might not be if we have a replay of 2000's 50/50 vote. Half of you who expressed an opinion think we were right (and are probably not too happy that we backed off), and half think we were wrong. Most hams didn't say anything.

I keep going back to the discussion we had before voting on the motion – that carrier access repeaters wouldn't be automatically decoordinated. That was a nice sentiment, but it wasn't in the motion, or the minutes. Most of you ignored it. You were probably right.

I think the goal is to quell the complaints from carrier access repeater owners and users. The message to them is: you've got company, get used to it. SERA isn't talking about wholesale lowering of the 100 mile co-channel spacing guideline (75 miles on UHF and above). But there's a pretty good chance you are going to get a new neighbor, if you aren't already boxed in around the compass. Nobody gets a clear channel. Tone can help, if you want to use it. If you don't, and you hear your neighbor's output or their users on your input, and that's OK with you, we're fine. Don't ask SERA to make them go away.

THANKS FOR NOTICING... OH, WAIT, YOU DIDN'T

I usually get a handful of compliments, and a complaint or two, about each issue of the *RJ*. I thought the August issue was pretty good. There were several articles about young hams, and hams winning awards. Another good BPL story. Good articles from our columnists. I even thought the cover was particularly compelling (it caught your attention, didn't it?).

All I heard about was tone. Now that's not bad – this issue received more reaction than any I've edited by far. But didn't anybody notice anything else? Actually, Danny Musten KD4RAA did get some nice comments on Internet Linking, and David Bower K4PZT always has some six-meter fans out there.

I'll crawl back into my hole now until Groundhog day!

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